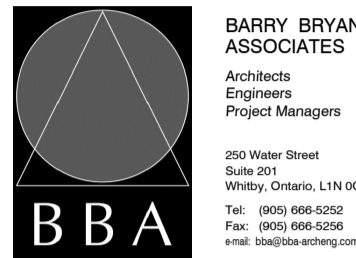
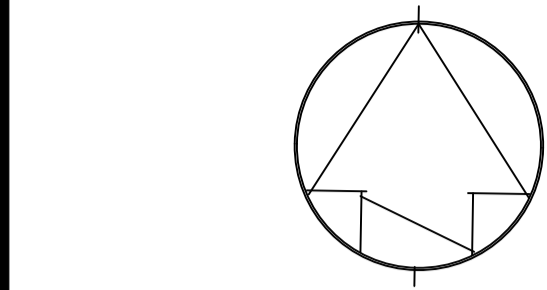




DRAWING LIST	
ARCHITECTURAL	
A1	OVERALL SITE PLAN AND DRAWING LIST
A2	LOCATION MAP, PLAN - OUTER REDAN, AND GENERAL NOTES
A3	OCTAGONAL BLOCKHOUSE PLANS AND ELEVATIONS
A4	OCTAGONAL BLOCKHOUSE NEW ELEVATIONS AND DETAILS
A5	OCTAGONAL BLOCKHOUSE SECTIONS AND DETAILS
A6	BLOCKHOUSE NO. 1 PLANS AND ELEVATIONS
A7	BLOCKHOUSE NO. 3 PLANS AND ELEVATIONS
A8	BLOCKHOUSE NO. 2 PLANS
A9	BLOCKHOUSE NO. 2 ELEVATIONS
A10	BLOCKHOUSE NO. 1, 2 & 3 ROOF PLANS AND DETAILS
A11	BLOCKHOUSE 1, 2 & 3 SECTION AND DETAILS
A12	BLOCKHOUSE 1, 2 & 3 DETAILS
A13	BLOCKHOUSE 1, 2 & 3 DETAILS
ELECTRICAL	
E1	OVERALL SITE PLAN
E2	OCTAGONAL BLOCKHOUSE
E3	SINGLE LINE DIAGRAM, LEGEND, SCHEDULES AND DETAILS
E4	BLOCKHOUSE NO. 1 PLANS AND ELEVATIONS
E5	BLOCKHOUSE NO. 3 PLANS AND ELEVATIONS
E6	BLOCKHOUSE NO. 2 PLANS
E7	BLOCKHOUSE NO. 2 ELEVATIONS

OVERALL SITE PLAN
SCALE: NTS



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DRAWING NO.	DRAWING NAME			
REFERENCE DRAWINGS				
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2	09/25/18	ISSUED FOR TENDER	C.M.E.	BBA
1	03/29/18	ISSUED FOR REVIEW	C.M.E.	BBA
NO.	DATE	DESCRIPTION	Drawn by Dessine par	Approved Approuve

A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters
Dimensions lineaires en millimetres



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

OVERALL SITE PLAN
AND DRAWING LIST

Plot Scale / Echelle

NOT TO SCALE

Drawn by/ Dessine par
C.M.E.

Date
03/10/18

Field Recording by /
Releve-Temoin par
C.M.E./B.K.

Date
03/01/18

Approved by / Approuve par
CE

Date
07/11/18

Checked by/ Verifie par
CE

Date
07/11/18

Project No./ No. du projet
PRO001504

Asset No.
1201178, 1202266, 1202282, 1202270

Sheet No./
Feuille No.

Drawing Re No./No. du Dessin
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A1

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH PARKS CANADA STANDARDS AND GUIDELINES FOR THE CONSERVATION OF HISTORIC PLACES IN CANADA (SECOND EDITION).
2. COMPLY WITH PARKS CANADA AGENCY REQUIREMENTS.
3. FORT GEORGE NATIONAL HISTORIC SITE WILL REMAIN IN OPERATION AND OPEN TO THE PUBLIC THROUGHOUT THE CONSTRUCTION PERIOD. CONFORM TO PARKS CANADA REQUIREMENTS INCLUDING WORK AREA LIMITS, SCHEDULING REQUIREMENTS AND NOISE RESTRICTIONS.
4. CONTRACTOR IS REMINDED THAT THE SITE IS OF NATIONAL HISTORIC SIGNIFICANCE AND SHOULD AT ALL TIMES, TREAT IT AS SUCH.
5. PRESERVATION MATERIALS AND METHODS SHALL BE THE LEAST INTRUSIVE METHODS POSSIBLE AND IN ACCORDANCE WITH GOOD CONSERVATION PRACTICE EXCEPT WHERE NOTED OTHERWISE.
6. EXAMINE THE AREAS OF WORK AND REPORT CONDITIONS TO THE OWNER.
7. MAINTAIN THE SITE AND WORK AREAS IN A SECURE MANNER AT ALL TIMES. PROVIDE SUITABLE SECURE SAFETY FENCING SATISFACTORY TO PARKS CANADA BY THE COMMENCEMENT OF WORK. ALL WORK AREAS, DISMANTLE, REMOVE AND REINSTATE FENCING WHEN DIRECTED BY PARKS CANADA AGENCY OR AS REQUIRED BY PROGRAMMING REQUIREMENTS.
8. ENSURE THAT HERITAGE RESTORATION WORK DOES NOT ADVERSELY AFFECT ADJACENT WATERCOURSES, GROUNDWATER AND WILDLIFE, OR CONTRIBUTE TO EXCESS AIR AND NOISE POLLUTION.
9. REFER TO DESIGNATED SUBSTANCES & HAZARDOUS MATERIALS SURVEY, FORT GEORGE – FOUR HISTORIC BUILDINGS (BLOCKHOUSES) PREPARED BY ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD., DATED JUNE 20, 2018. COMPLETE ALL HAZARDOUS MATERIALS ABATEMENT IN ACCORDANCE WITH LEGISLATED STANDARDS.
10. ALL MATERIALS FROM DEMOLITION SHALL BE REMOVED FROM SITE UNLESS OTHERWISE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.
11. THE SITE IS A NATIONAL HISTORIC SITE RECOGNIZED BY CANADA AND MUST BE TREATED AS SUCH. EXCAVATION BEYOND THE IMMEDIATE WORK AREA OR ANYTHING OF THE DEPARTMENTAL REPRESENTATIVE IS STRICTLY PROHIBITED. EVERY PRECAUTION WILL BE TAKEN TO MINIMIZE DISTURBANCE OR DAMAGE TO THE AREA SURROUNDING OR ADJACENT TO THE DEFINED WORK SITE.
12. BURIED ARTIFACTS, THE REMAINS AND EVIDENCE OF ANCIENT PERSONS AND PEOPLES, AND ANY OBJECTS OF HISTORIC VALUE AND WORTH, REMAIN THE PROPERTY OF THE CROWN, ANY AND ALL SUCH OBJECTS SHALL BE PROTECTED AND IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DEPARTMENTAL REPRESENTATIVE.
13. ARCHAEOLOGIST WILL BE ON SITE TO MONITOR WORK TO ENSURE NO ARCHAEOLOGICAL RESOURCES ARE DAMAGED. ADEQUATE DEPARTMENTAL REPORTING AND RECORD KEEPING DIRECTION REGARDING PROTECTING SUCH RESOURCES SHOULD ANY BE DISCOVERED BY EITHER ARCHAEOLOGY OR THE CONTRACTOR. THE CONTRACTOR SHOULD BE DIRECTED TO STOP WORK ON THE DAY OF DISCOVERY AND DISCONTINUE AND PROTECT THE ISSUE. THE ISSUE IS RESOLVED TO THE DEPARTMENTAL REPRESENTATIVE'S SATISFACTION.
14. BECAUSE THE PROJECT IS ON A NATIONAL HISTORIC SITE, IT IS ESSENTIAL ALL EXISTING FEATURES REMAIN AS FOUND. CONSEQUENTLY, STANDARDS FOR ENVIRONMENTAL PROTECTION AND FOR VISUAL AESTHETICS OF FINAL PRODUCT SHALL BE OF A QUALITY STANDARD. CONTRACT LIMITS SHALL BE STRICTLY ADHERED TO AND THE CONTRACTOR IS TO TAKE SPECIAL CARE TO PROTECT AND MAINTAIN THE DISTORTION AND PROTECT THE EXISTING FEATURES. THE DEPARTMENTAL REPRESENTATIVE IS TO BE NOTIFIED IMMEDIATELY IF ANY HISTORIC OR NATURAL RESOURCES ARE LOCATED DURING CONSTRUCTION.
15. DO NOT PUMP WATER CONTAINING SUSPENDED MATERIALS INTO WATERCOURSES, STORM OR SANITARY SEWERS, OR ONTO ADJACENT PROPERTIES.
16. DO NOT DISPOSE OF WASTE OF VOLATILE MATERIALS INCLUDING BUT NOT LIMITED TO, MINERAL SPIRITS, OIL, PETROLEUM BASED LUBRICANTS, OR TOXIC CLEANING SOLUTIONS INTO WATERCOURSES, STORM OR SANITARY SEWERS.
17. CONTROL DISPOSAL OR RUMFUF OF WATER CONTAINING SUSPENDED MATERIALS OR OTHER HARMFUL SUBSTANCES IN ACCORDANCE WITH LOCAL AUTHORITIES AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
18. ANY WATER GENERATED FROM DEMOLITION, REMOVAL OR CONSTRUCTION OPERATIONS MUST BE APPROPRIATELY CONTAINED, TREATED OR DISPOSED OF IN ACCORDANCE WITH APPLICABLE LEGISLATION.
19. PREVENT MOVEMENT, SETTLEMENT OR DAMAGE OF ADJACENT STRUCTURES, SERVICES, TREES, LANDSCAPING AND ADJACENT GRASSES. PROVIDE BRACING, SHORING AND UNDERPINNING AS REQUIRED. REPAIR DAMAGE CAUSED BY DEMOLITION AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
20. AT END OF EACH DAY'S WORK, LEAVE WORK IN SAFE AND STABLE CONDITION.



SCALE:

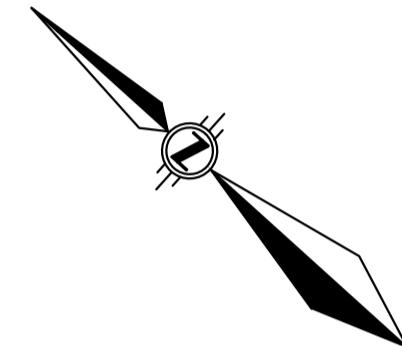


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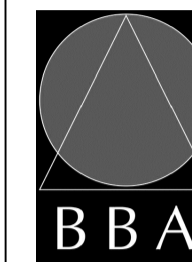
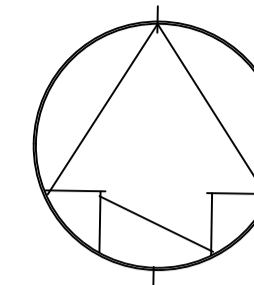
SITE PLAN BASED IN PART ON SITE CONDITION PLAN, FORT GEORGE NATIONAL HISTORIC SITE BLOCKHOUSE RESTORATION PROJECT TOWN OF NIAGARA-ON-THE-LAKE REGIONAL MUNICIPALITY OF NIAGARA, PREPARED BY THE LAROCQUE GROUP, MAY 2018.

ELEVATIONS HEREON ARE ORTHOMETRIC AND ARE RELATED TO THE NAD83 (CSRS v6) EPOCH 2010.0 REFERENCE SYSTEM AS PREVIOUSLY ESTABLISHED BY THE LAROCQUE GROUP.

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE
CONVERTED TO FEET BY DIVIDING BY 0.3048.



SCALE:



BARRY BRYAN ASSOCIATES
Architects
Engineers
Project Managers

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Fax: (905) 666-5250
e-mail: bba@bbe-archeng.com

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	B Sheet number	B Sur feuille nume

Linear dimensions in
millimeters



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNITType of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

LOCATION MAP, PLAN —
OUTER REDAN, AND
GENERAL NOTESPlot Scale / Echelle
AS NOTED

Drawn by/ Dessine par	Date
C.M.E.	03/10/18

Field Recording by / Releve-Temoin par C.M.E/B.K.	Date 03/01/18
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Approved by / Approuvé par CE	Date 07/11/18
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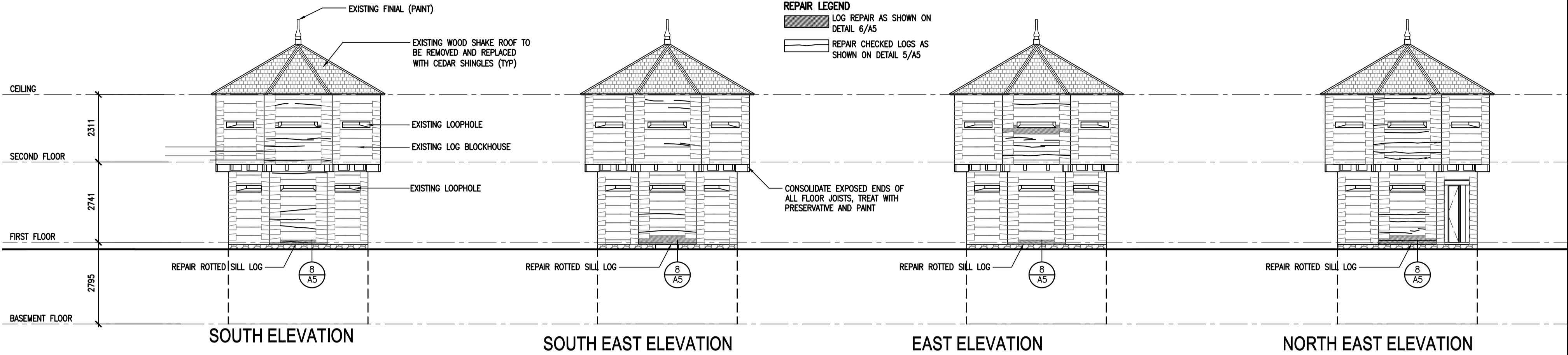
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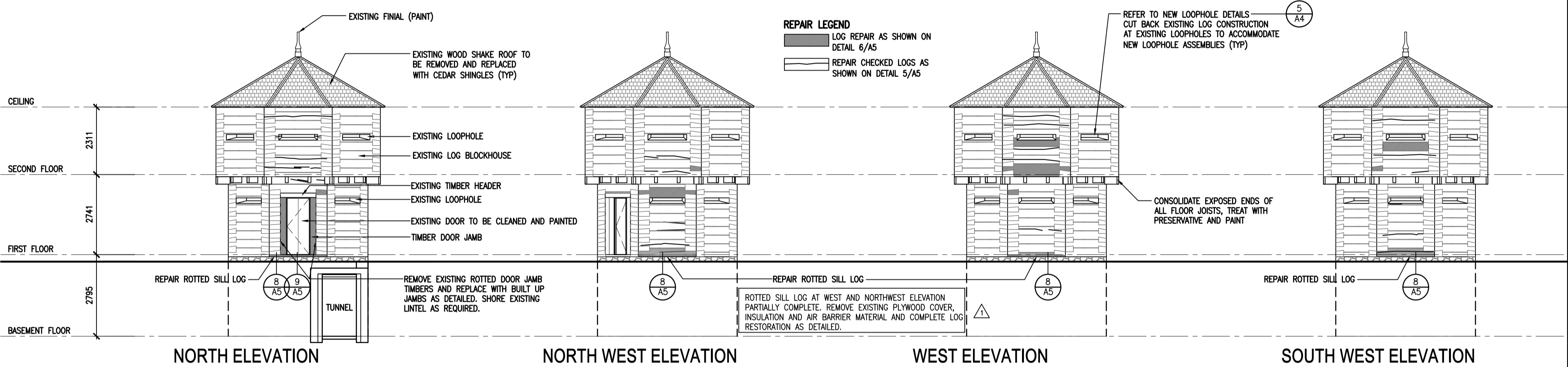
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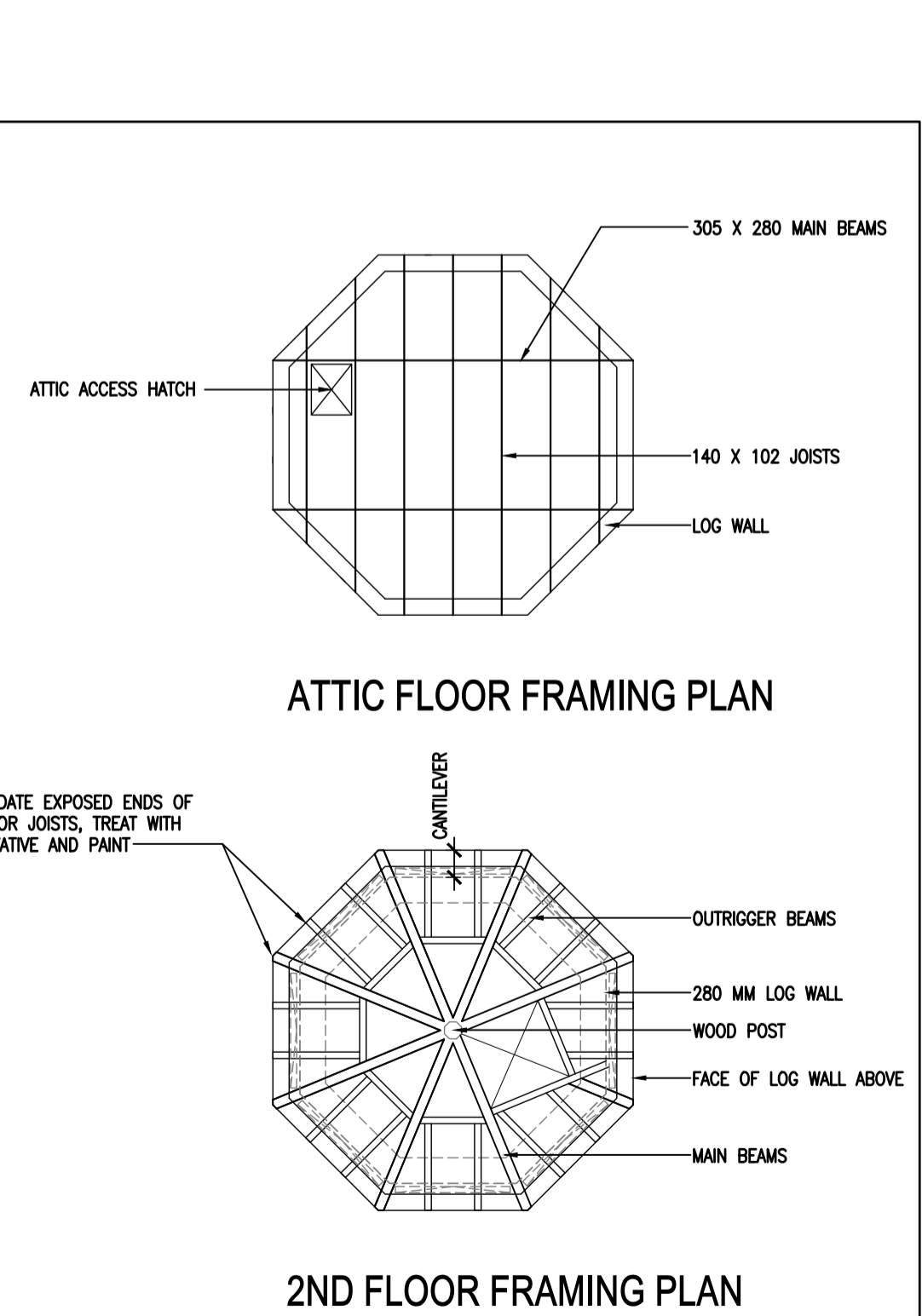
- NOTES
1. SITE VERIFY ALL DIMENSIONS.
 2. REFER TO DESIGNATED SUBSTANCES & HAZARDOUS MATERIALS SURVEY, FORT GEORGE- FOUR HISTORIC BUILDINGS (BLOCKHOUSES) PREPARED BY ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD., DATED JUNE 20, 2018. COMPLETE ALL HAZARDOUS MATERIALS ABATEMENT IN ACCORDANCE WITH LEGISLATED STANDARDS.
 3. RESTORE EXISTING LOG STRUCTURE AS DETAILED.
 4. CLAD ENTIRE OCTAGONAL BLOCKHOUSE WITH WOOD CLADDING ON WOOD STRAPPING AND WEATHER BARRIER. EXISTING TRIM AND FLASHINGS TO BE COMPLETELY REMOVED AND REPLACED.
 5. ALL EXTERIOR WOOD SURFACES AND NEW INTERIOR WOOD TRIM TO BE PAINTED.
 6. REMOVE AND REPLACE EXISTING WOOD SHINGLES. REPAIR EXISTING WOOD ROOF DECKING AS INDICATED.
 7. PROVIDE NEW EMERGENCY EXIT GATE IN EXISTING WOOD PALISADE WALL AS DETAILED.
 8. REGRADE SITE AND PROVIDE NEW FOUNDATION DRAINAGE AT PERIMETER OF OCTAGONAL BLOCKHOUSE. DRAIN TO NEW OUTFALL IN DRAINAGE DITCH. (DRAINAGE AND FILL COMPLETE) THIS CONTRACT TO COMPLETE FINAL GRADING AND SODDING)



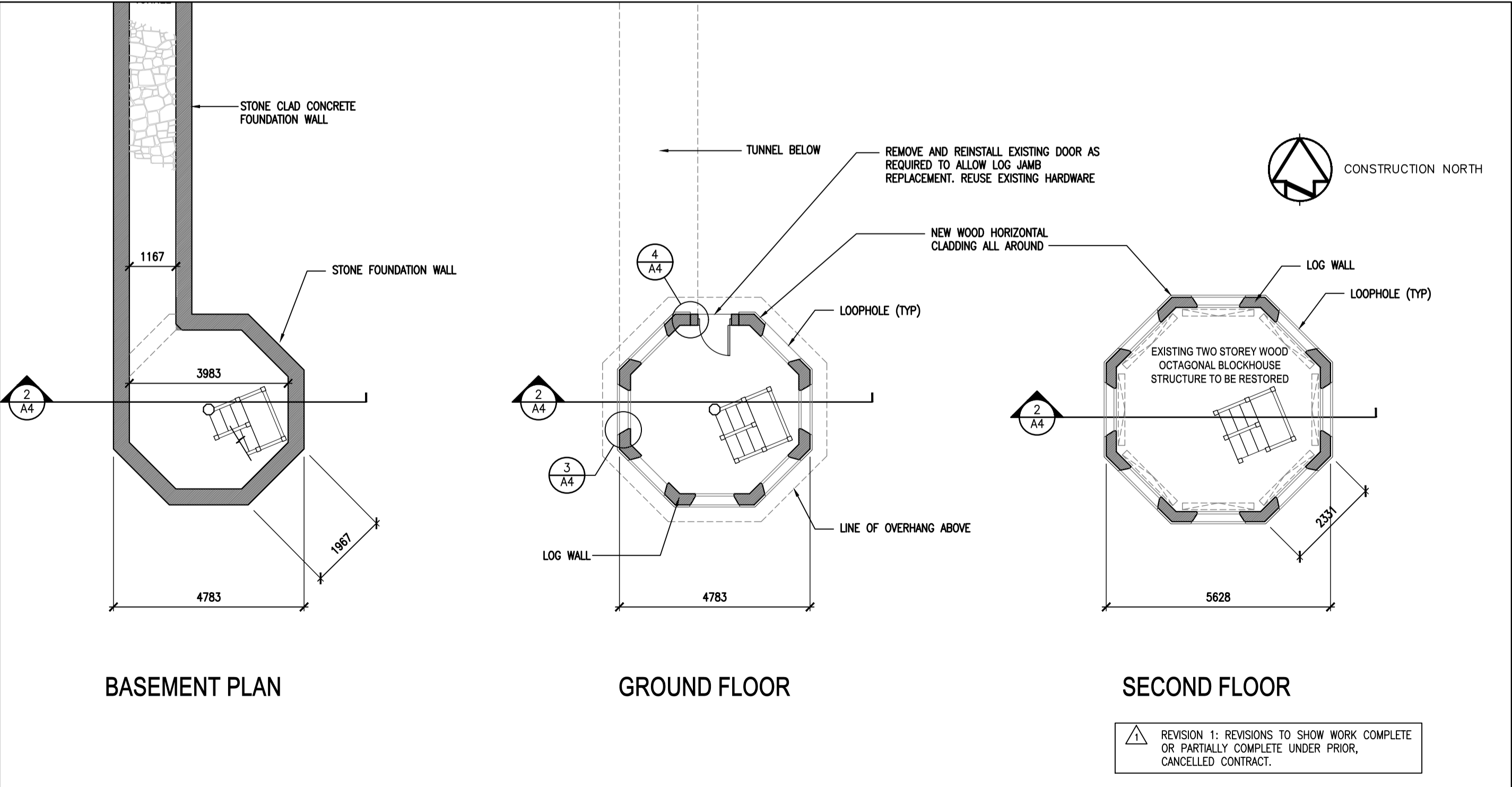
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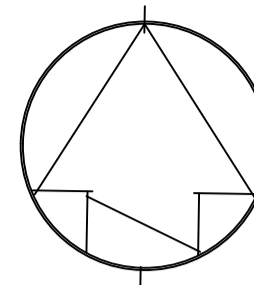
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SCALE: 1:100 A3



OCTAGONAL BLOCKHOUSE FRAMING PLANS 2
SCALE: 1:100 A3



OCTAGONAL BLOCKHOUSE PLANS 1
SCALE: 1:100 A3



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2	09/25/18 ISSUED FOR TENDER C.M.E. BBA
1	03/29/18 ISSUED FOR REVIEW C.M.E. BBA
NO.	DATE DESCRIPTION Drawn by Approved
	Dessine par Dessine par

REVISIONS	
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Linear dimensions in millimeters Dimensions lineaires en millimetres



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
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FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

OCTAGONAL BLOCKHOUSE
PLANS AND ELEVATIONS

Plot Scale / Echelle
AS NOTED

Drawn by/ Dessine par Date
C.M.E. 03/10/18

Field Recording by /
Releve-Temoin par Date
C.M.E./B.K. 03/01/18

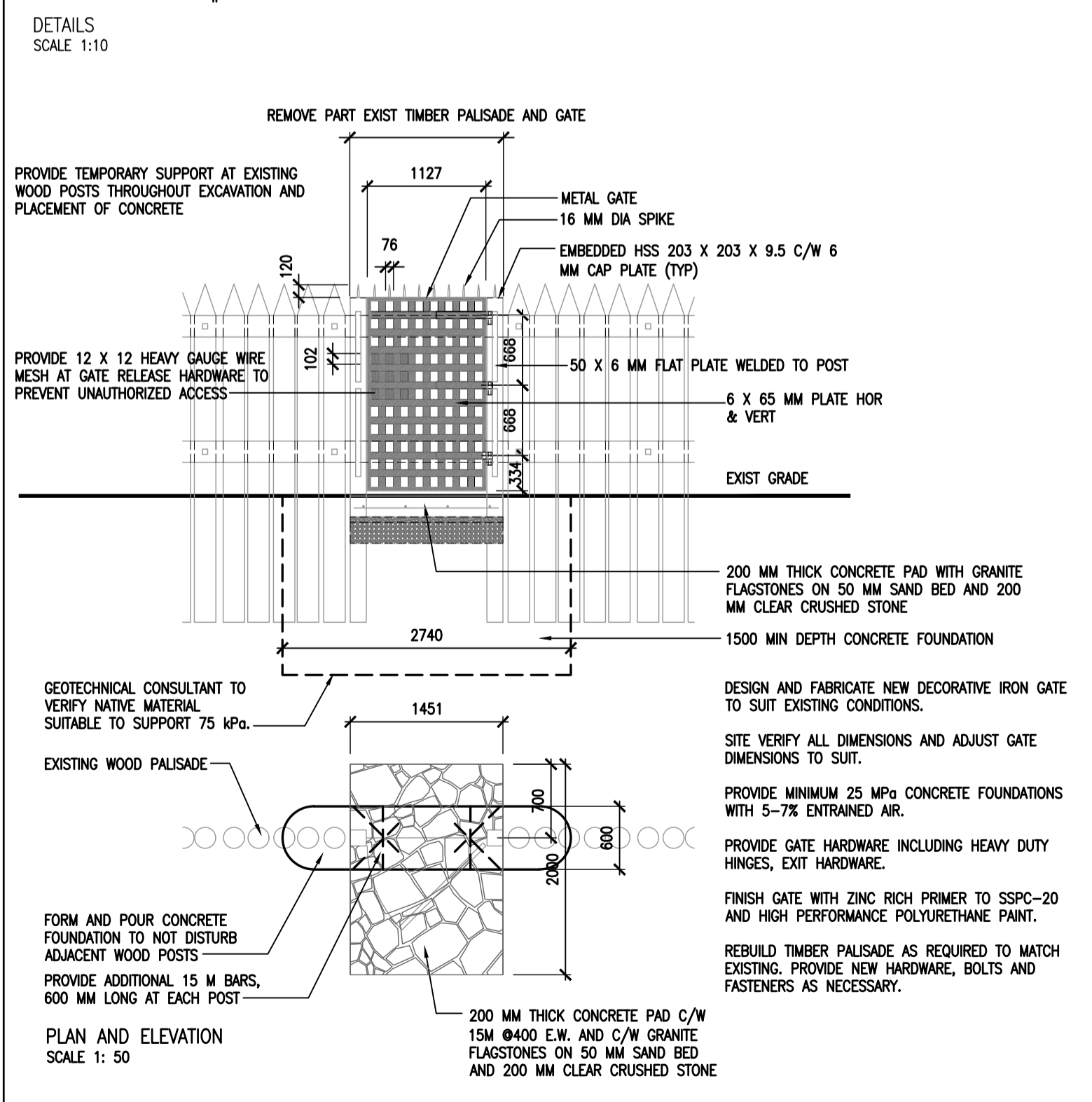
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CE 07/11/18

Checked by/ Verifie par Date
CE 07/11/18

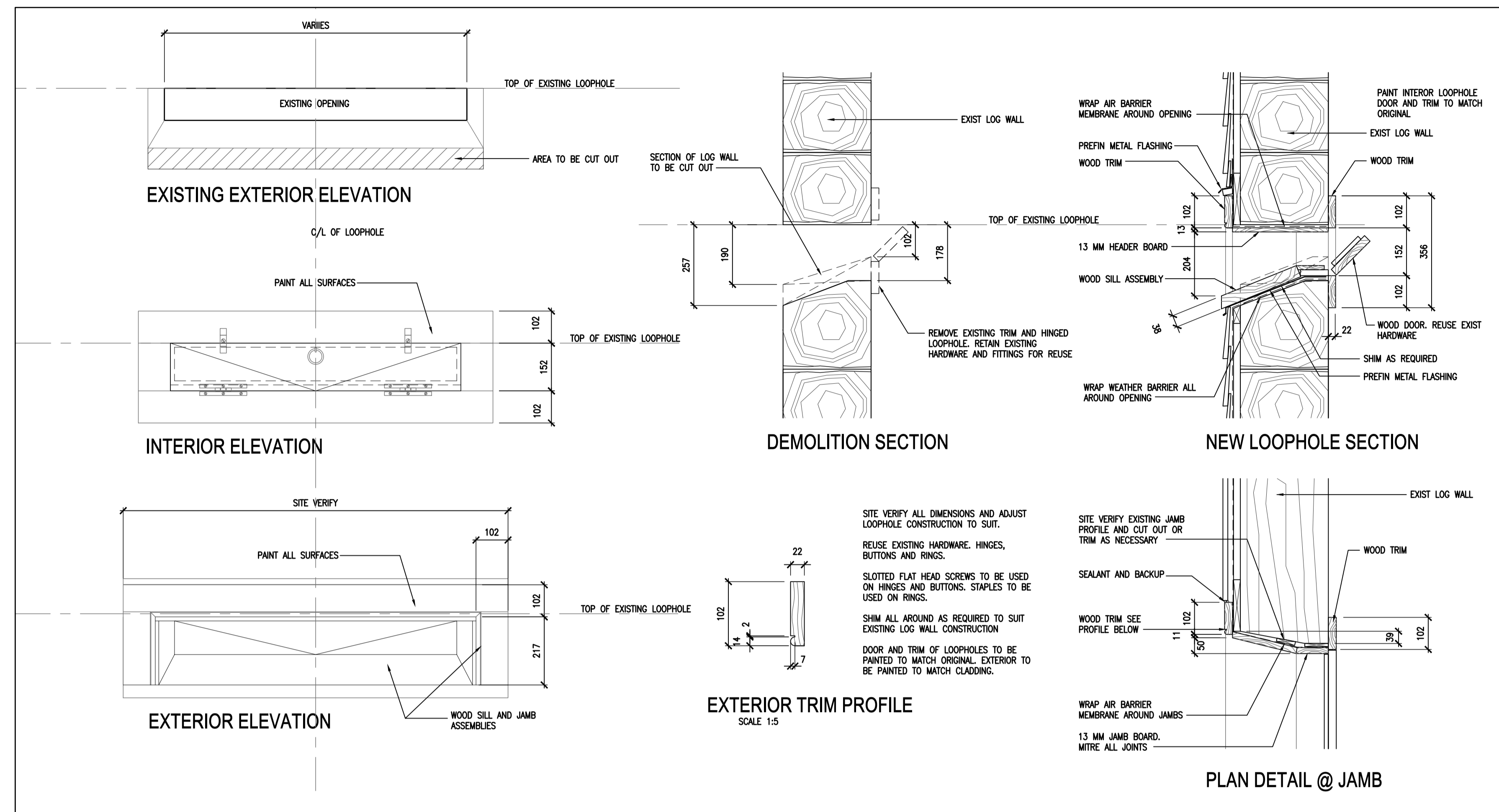
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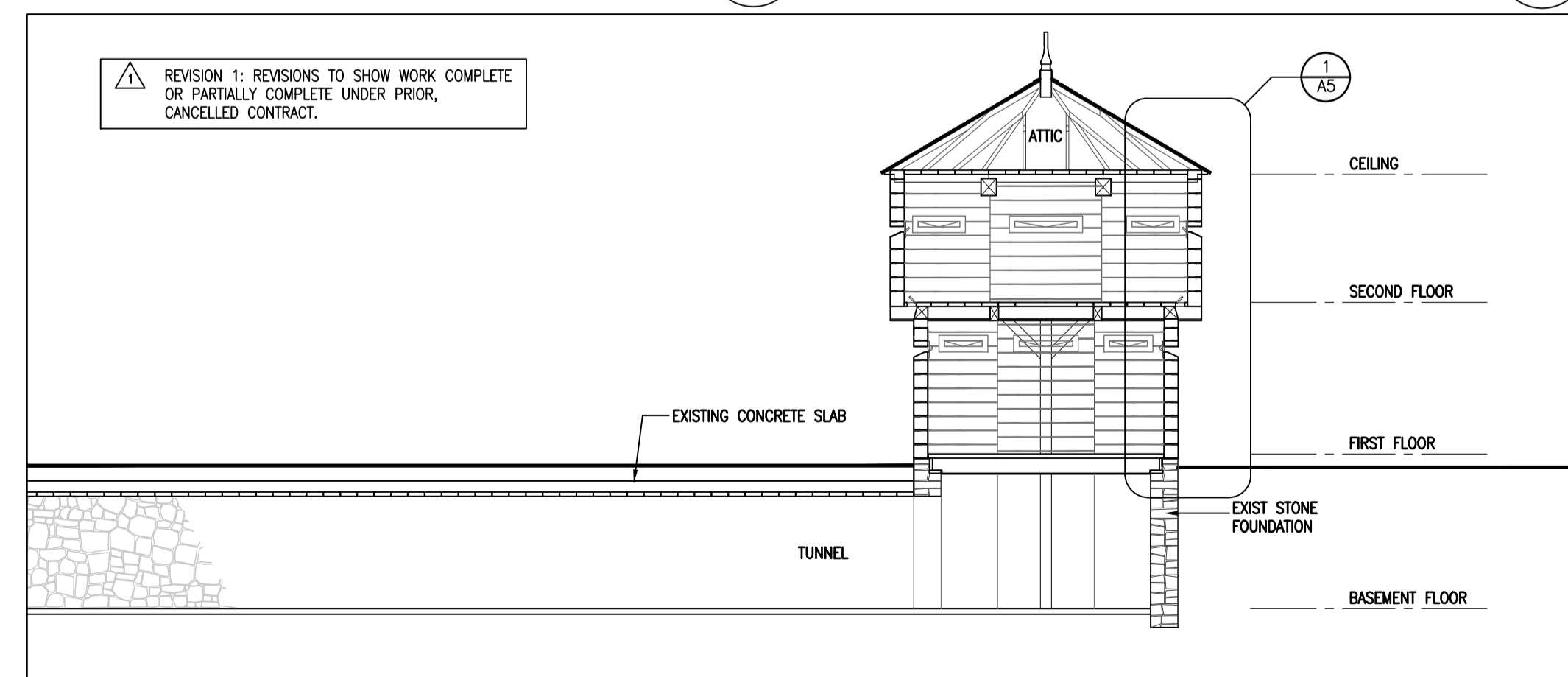
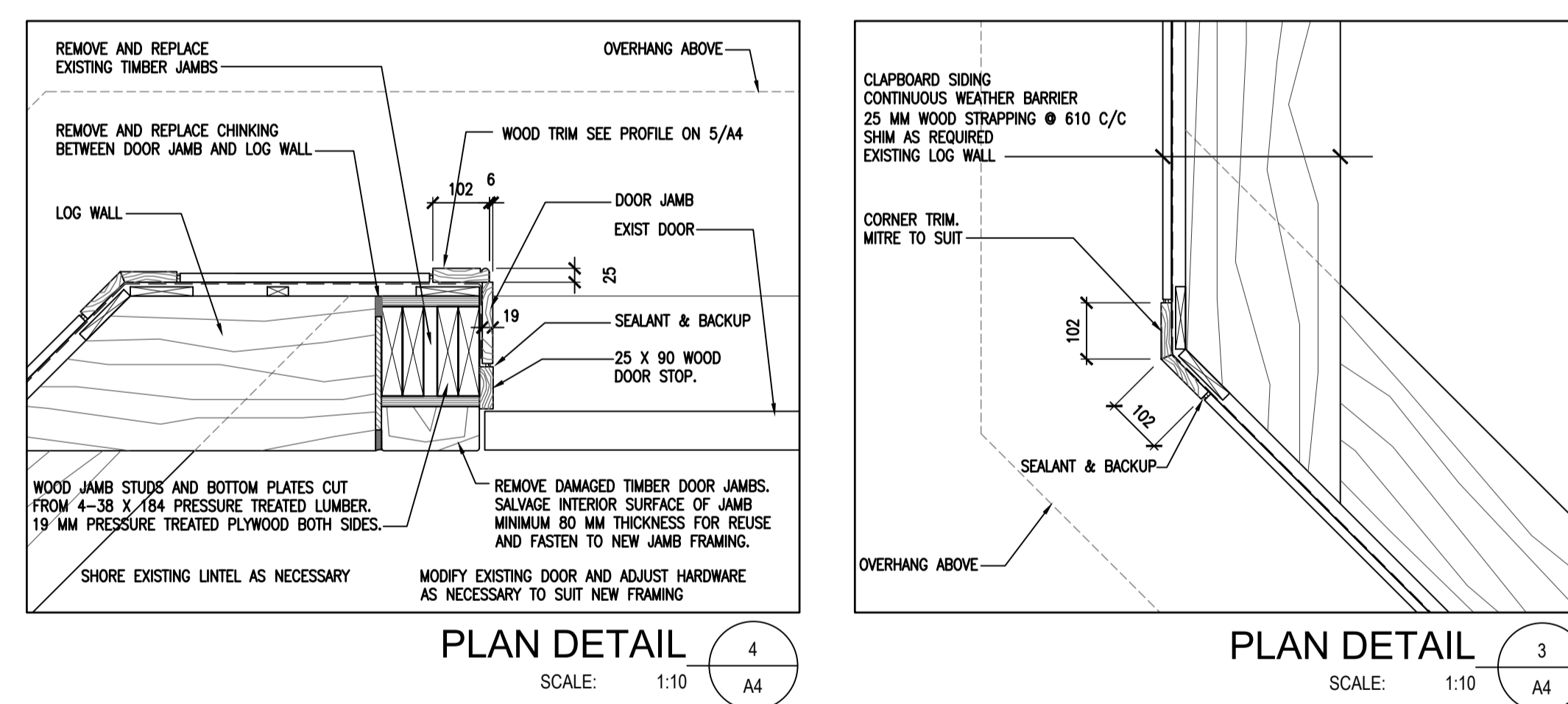
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SCALE: AS NOTED



LOOPHOLE DETAILS

SCALE: 1:10

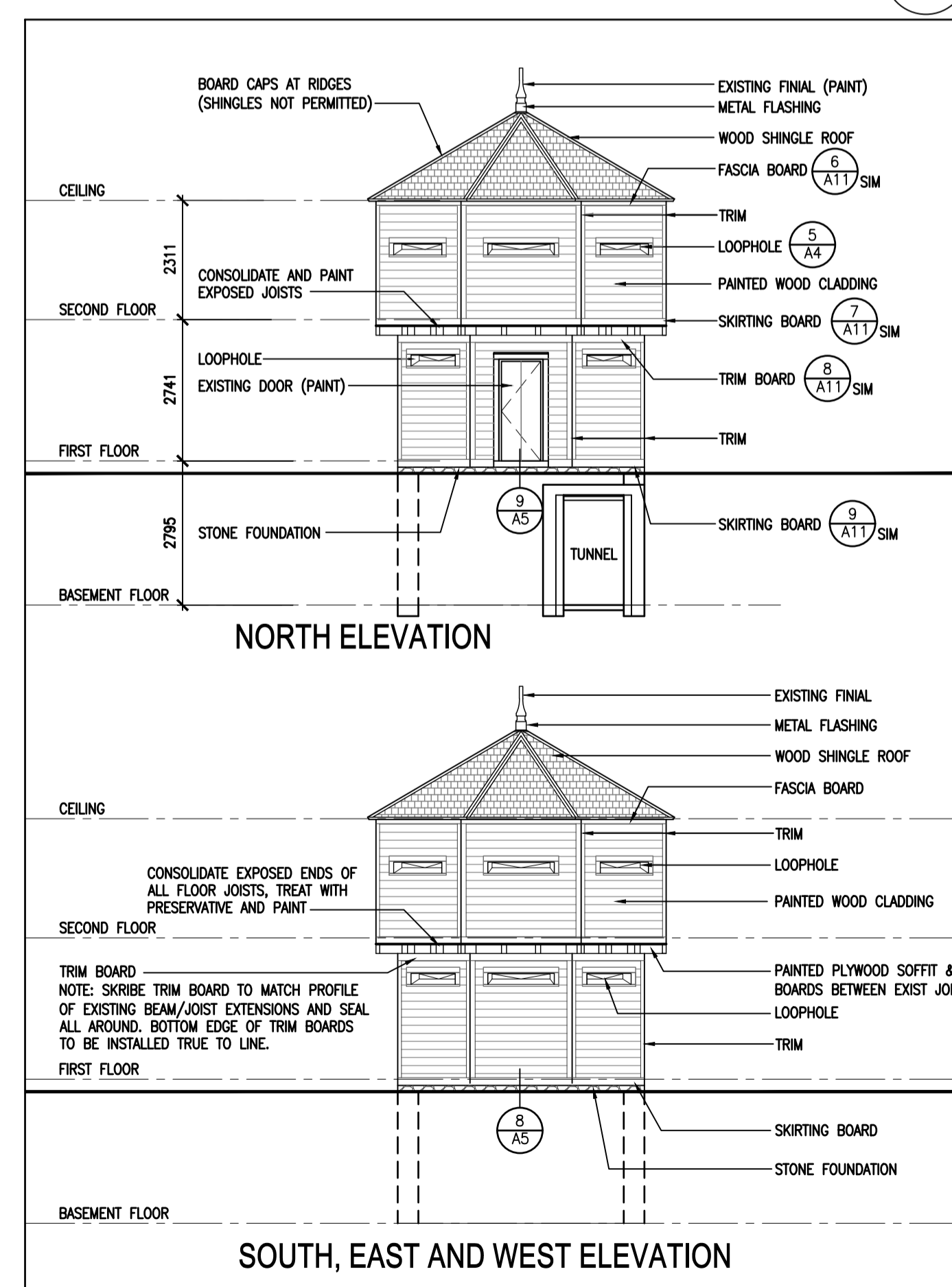
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OCTAGONAL BLOCKHOUSE SECTION

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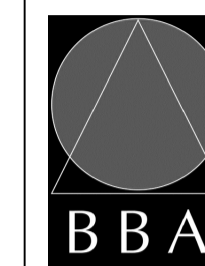
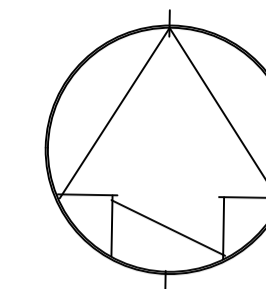
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A4



OCTAGONAL BLOCKHOUSE NEW ELEVATIONS

SCALE: 1:100


1
A4



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<u>REVISIONS</u>				
				
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B Sheet number		B Sur feuille numero		

Linear dimensions in millimeters	Dimensions lineaires en millimetres
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Canada

PARKS CANADA
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OCTAGONAL BLOCKHOUSE NEW ELEVATIONS AND DETAILS

Plot Scale / Echelle
AS NOTED

Drawn by/ Dessine par	Date
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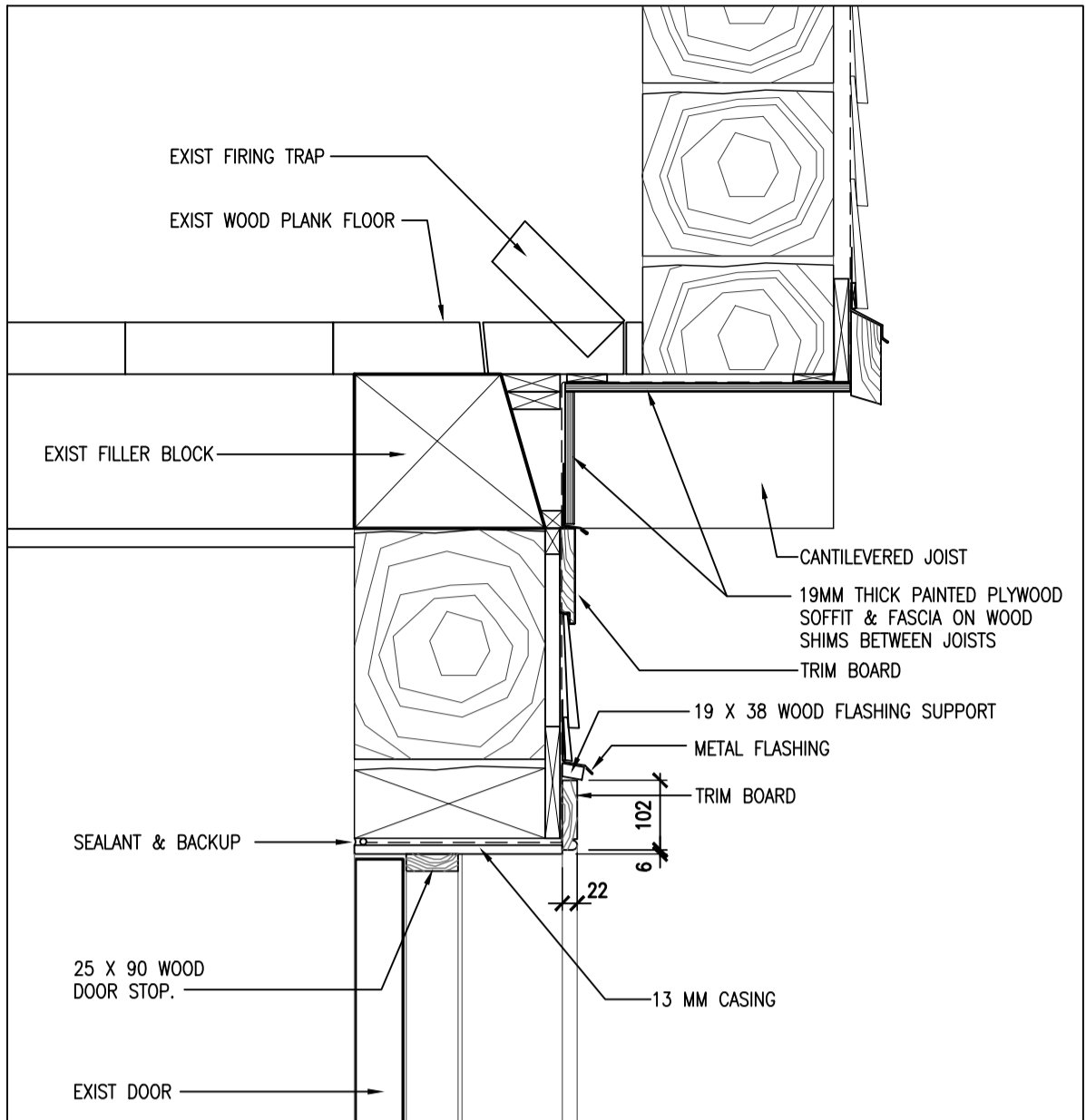
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Approved by / Approuvé par CE	Date 07/11/18
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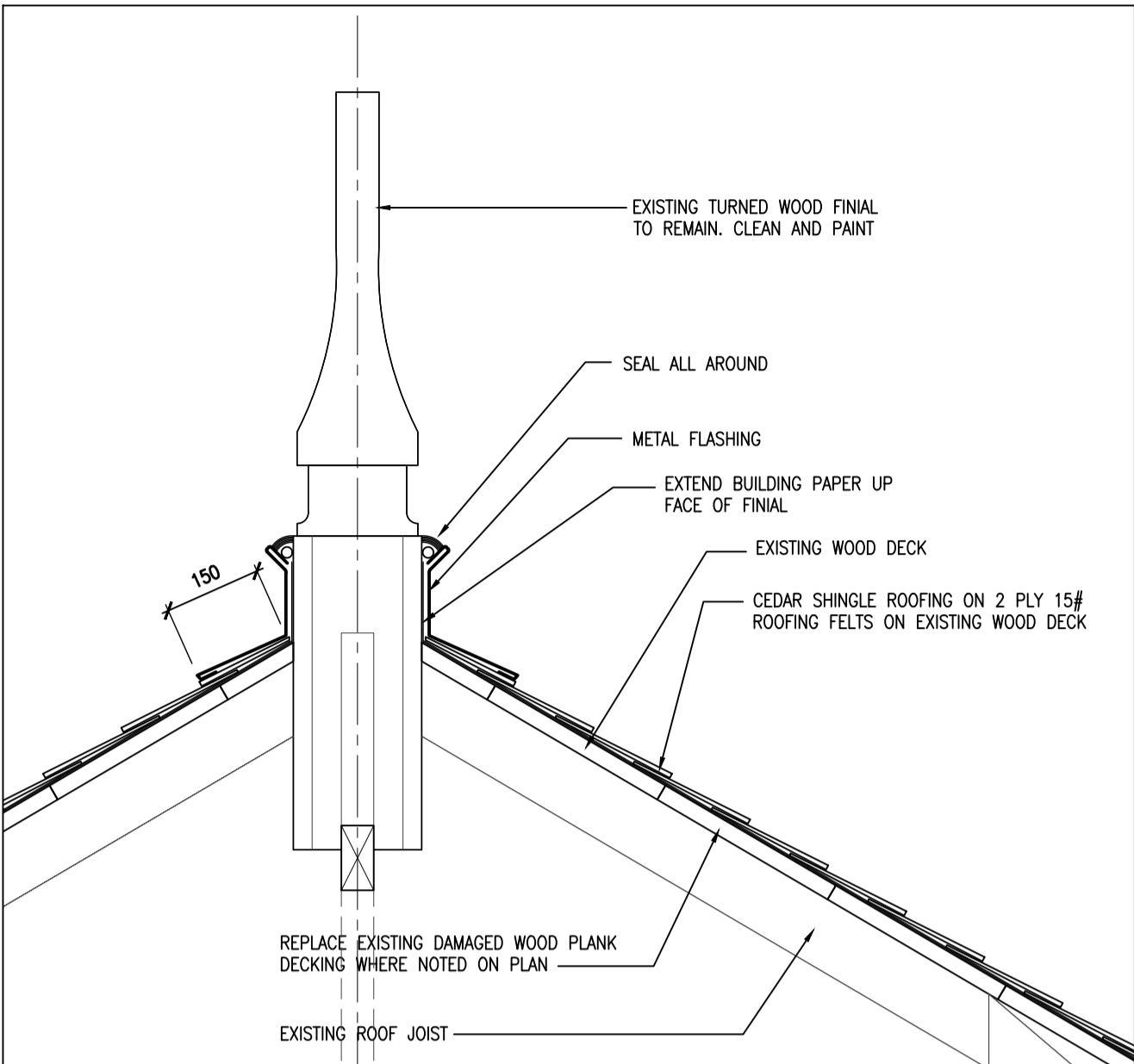
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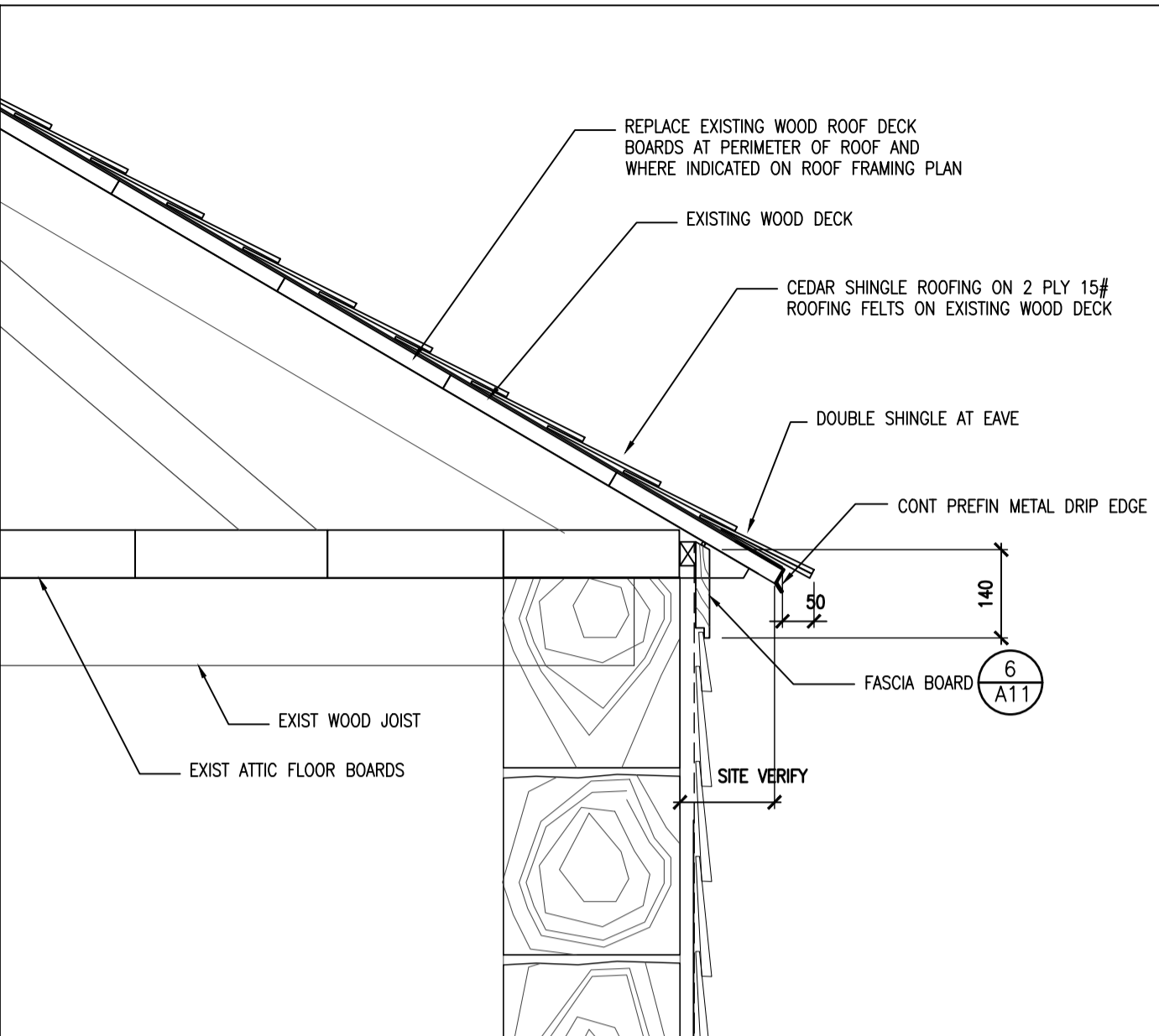
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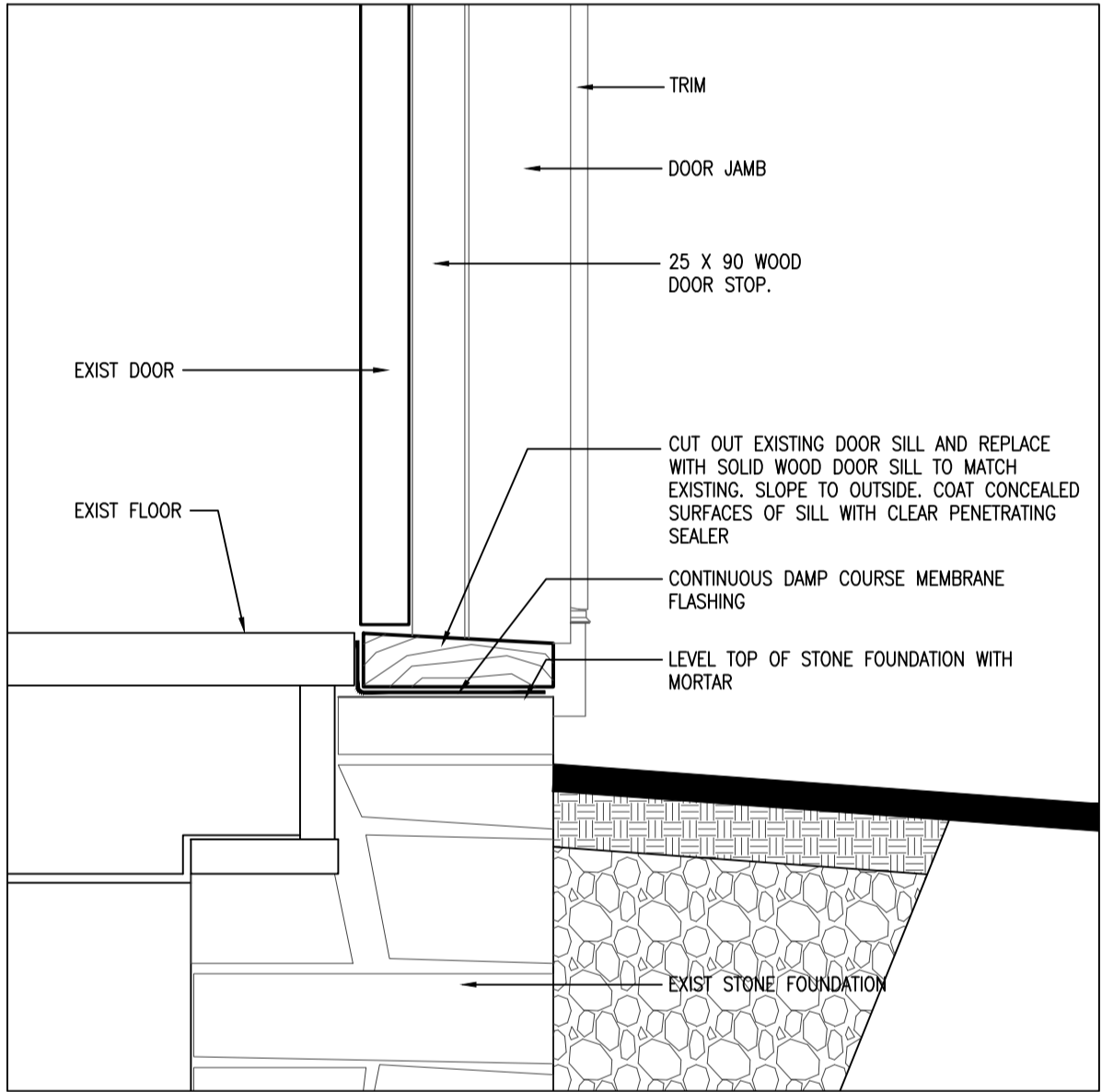
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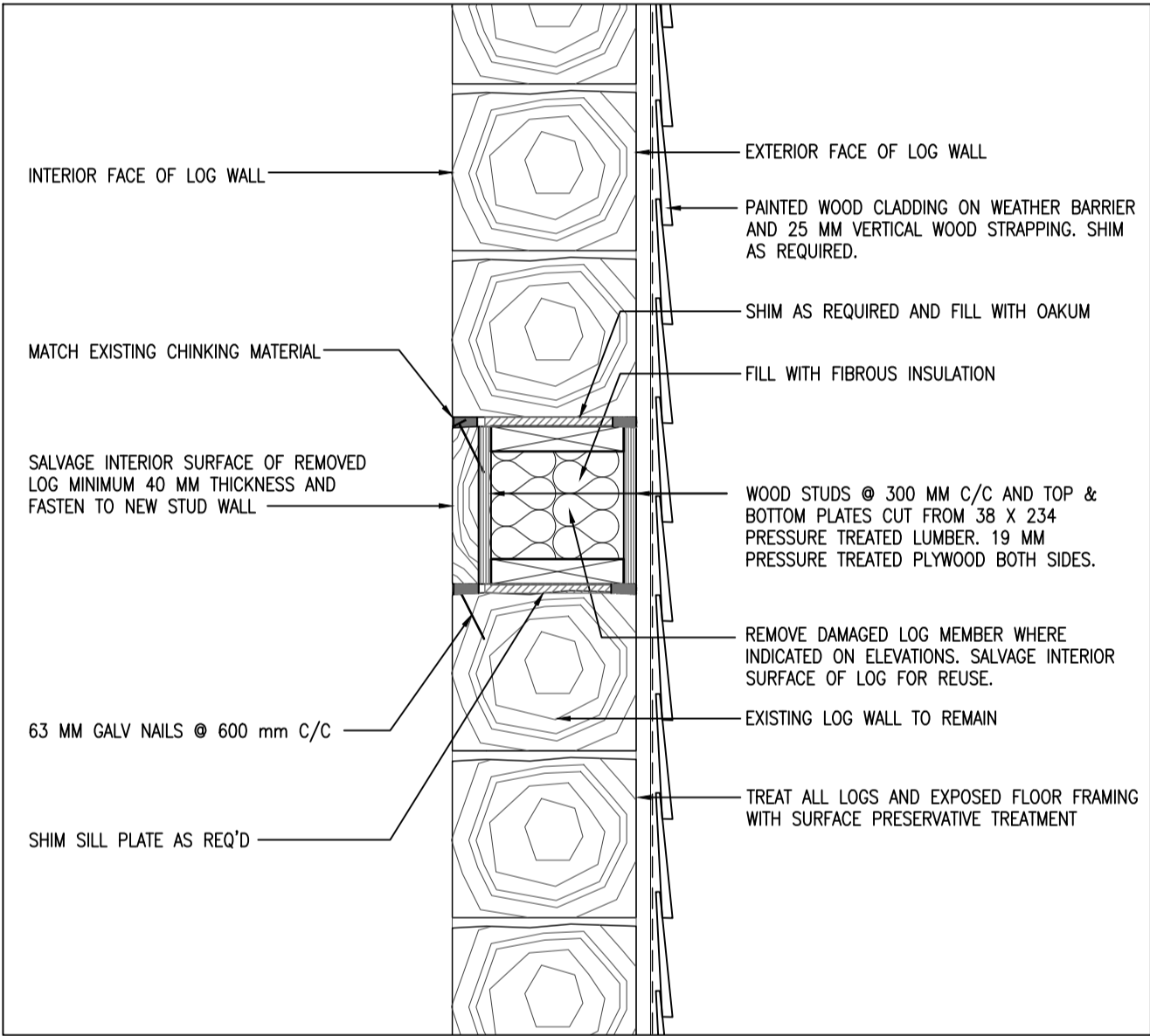
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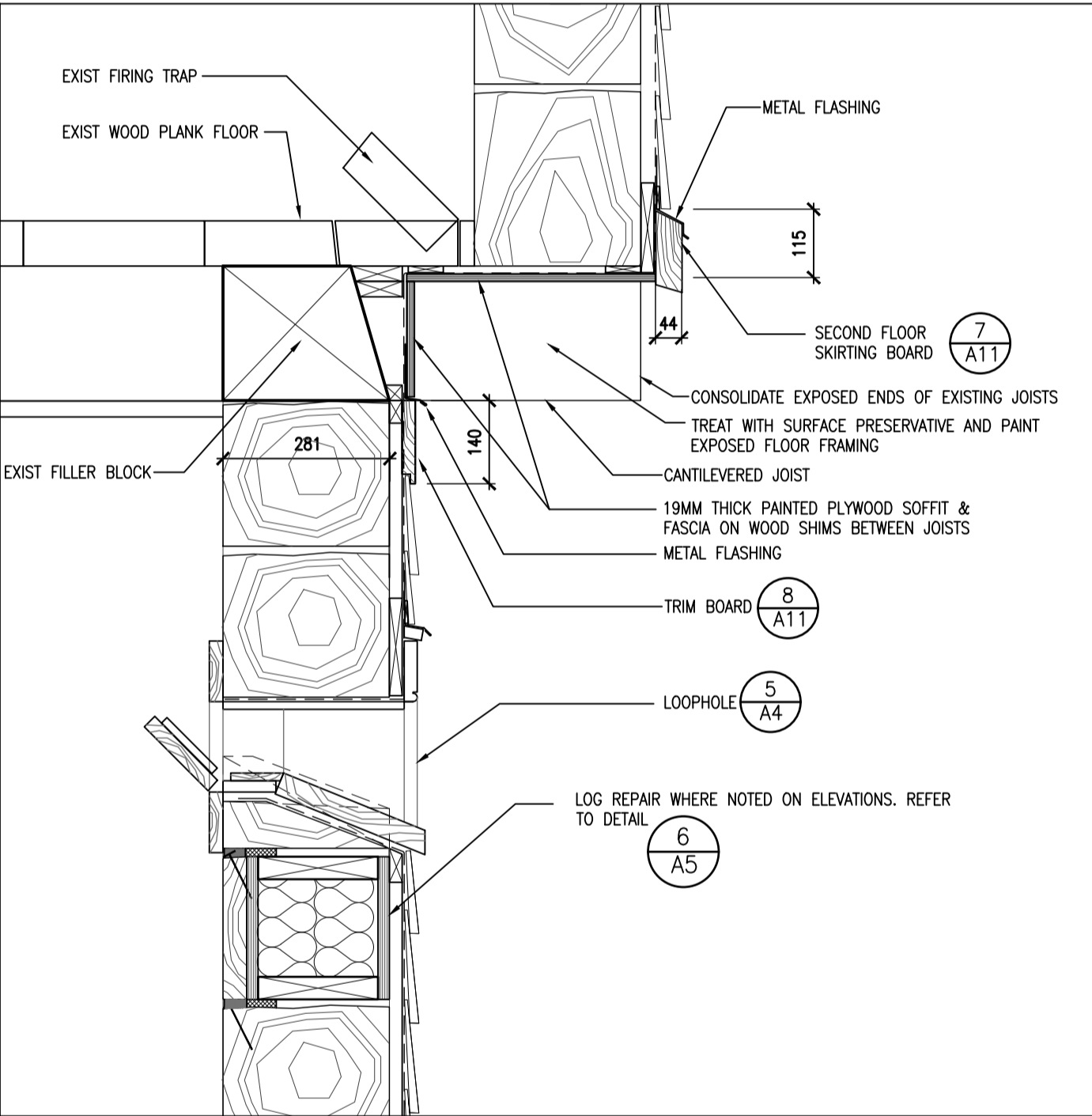
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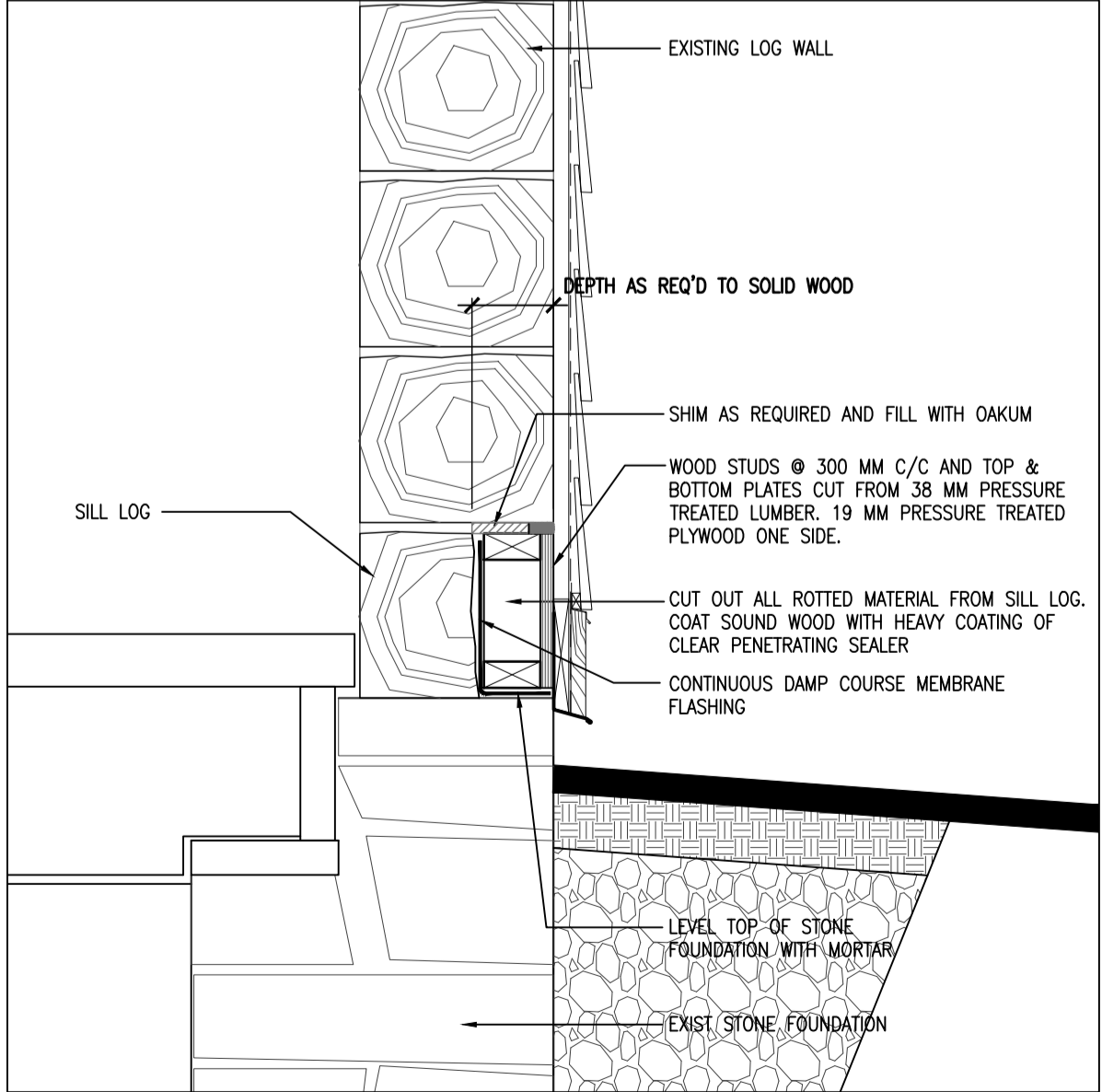
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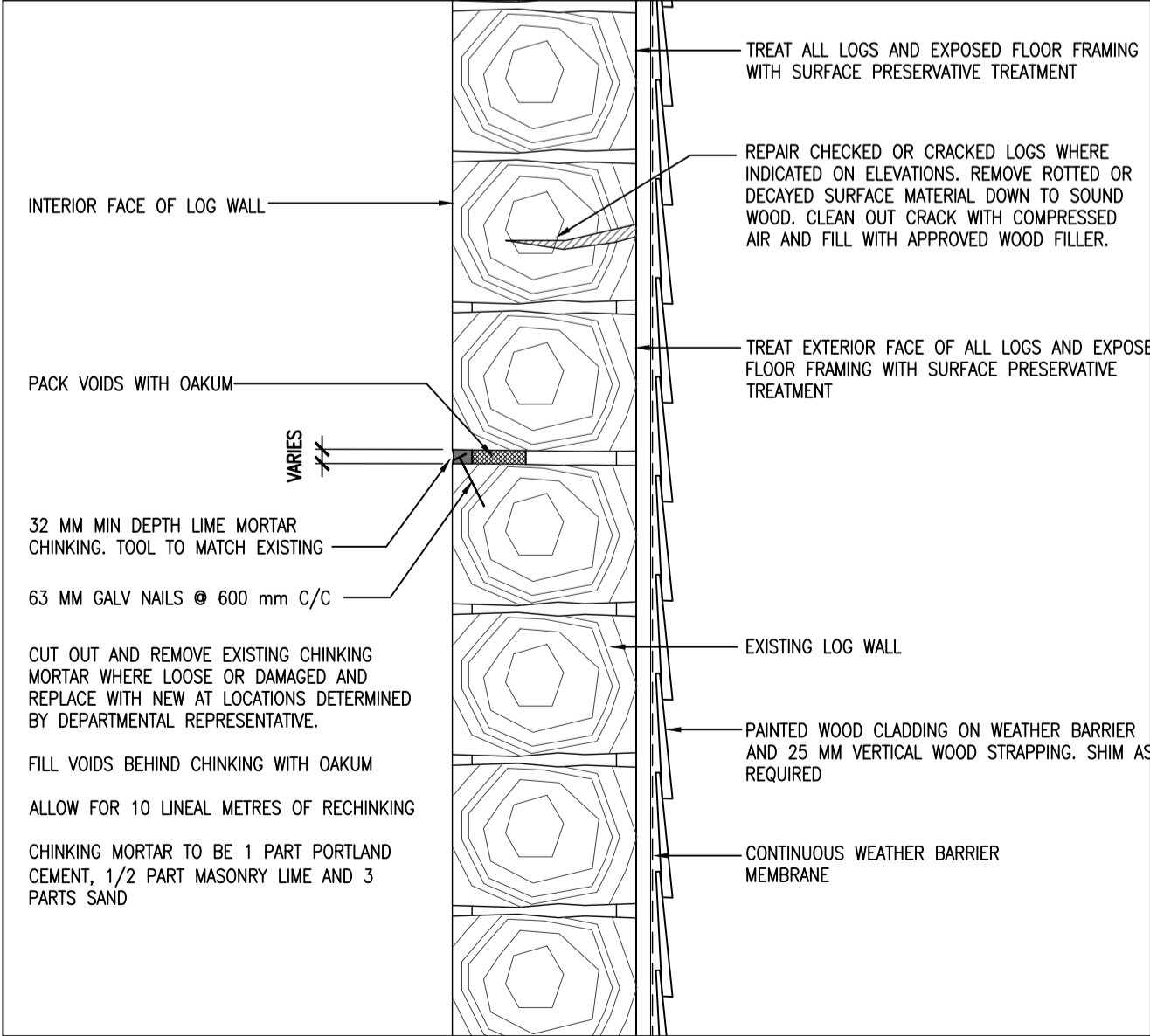
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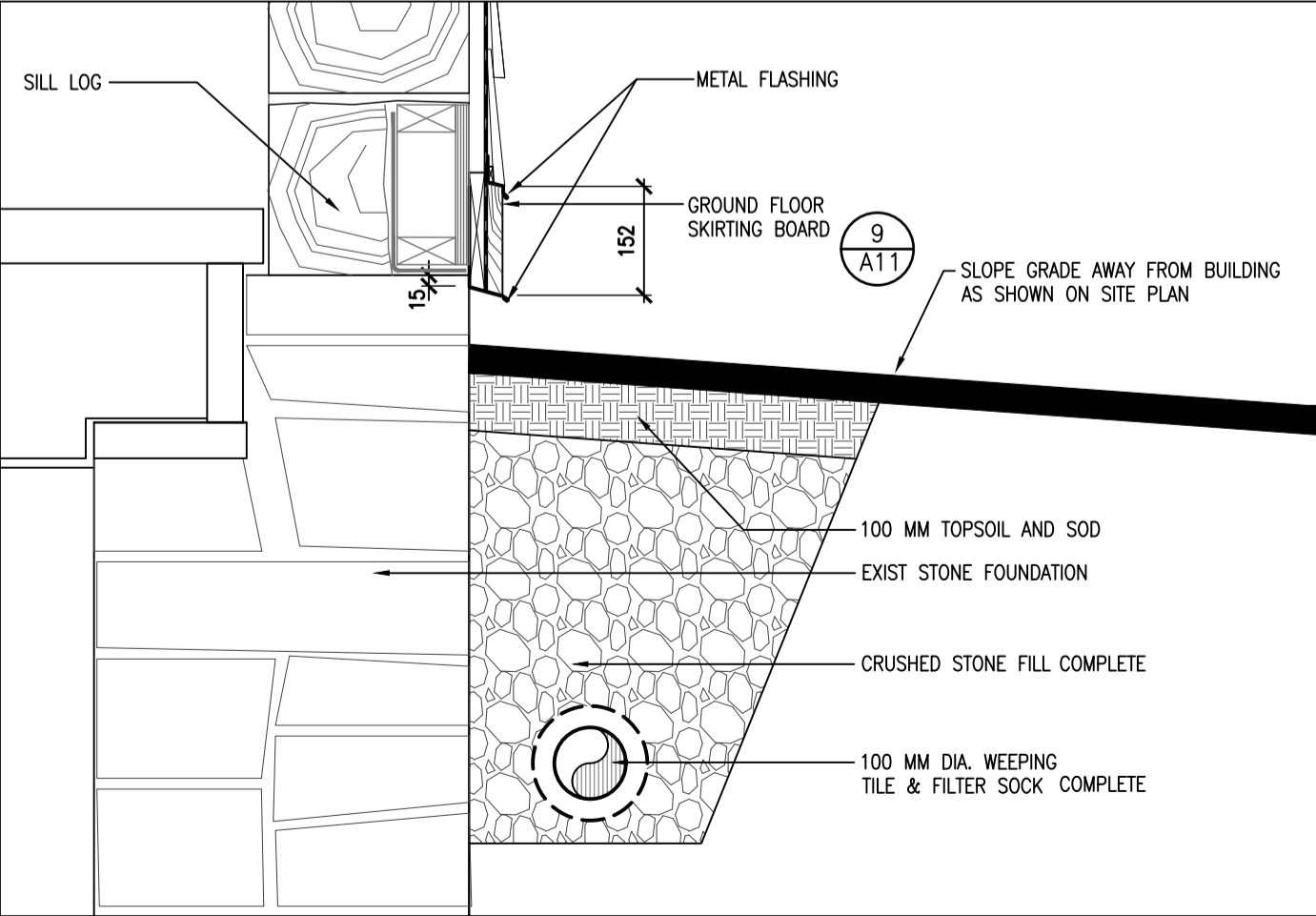
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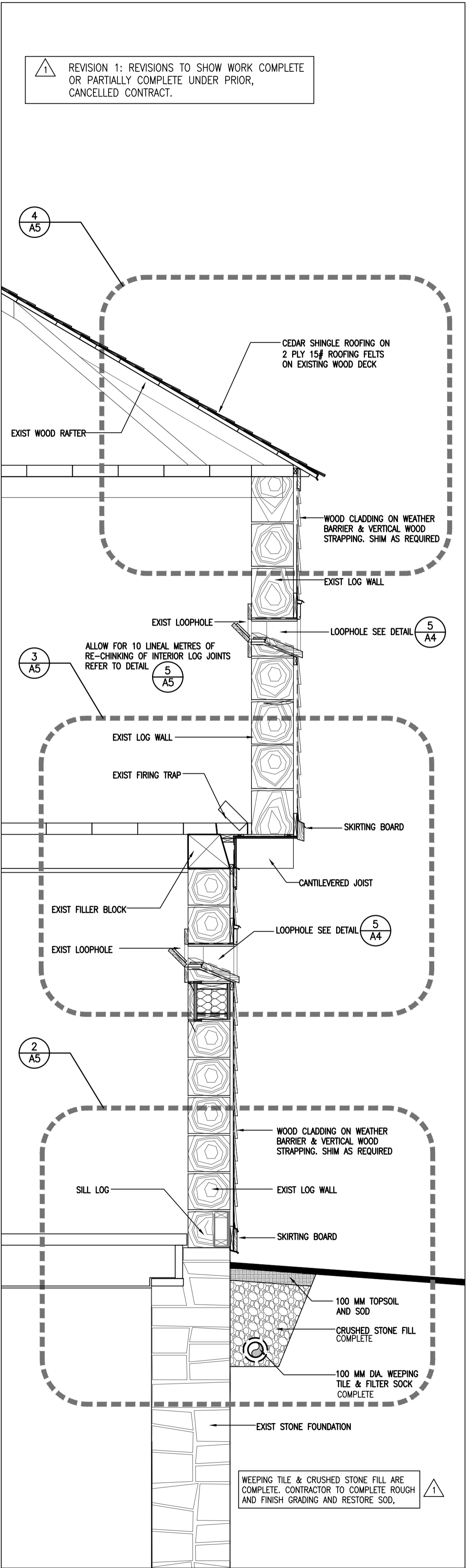
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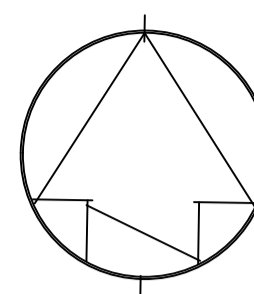
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A5




SECTION DETAIL
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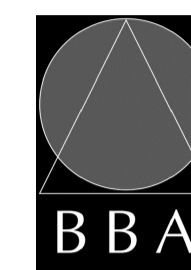


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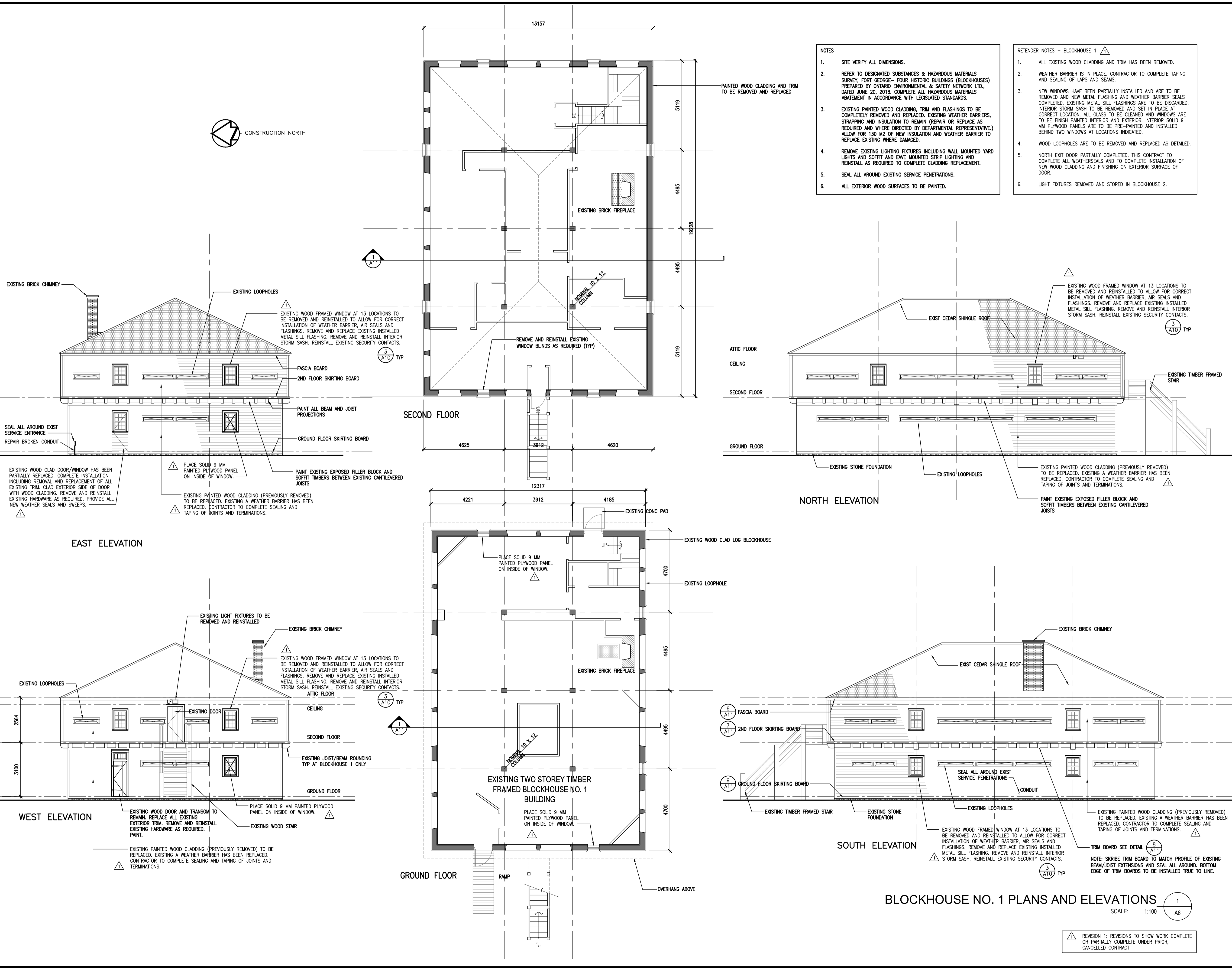


LICENCED PROFESSIONAL ENGINEER
D.J. BOVILL
100166472
PROVINCE OF ONTARIO

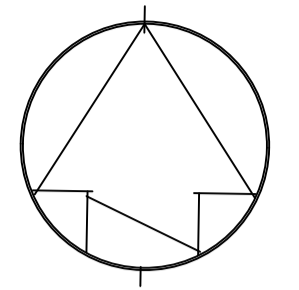


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email: info@bbasr.com

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REVISIONS				
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Linear dimensions in millimeters		Dimensions lineaires en millimetres		
 Parcs Canada		 Parks Canada		
				
PARKS CANADA SOUTHWESTERN ONTARIO FIELD UNIT				
Type of Record / Type d'enregistrement				
Project title / Titre du projet				
FORT GEORGE BLOCKHOUSE RESTORATION PROJECT				
Drawing title / Titre du dessin				
OCTAGONAL BLOCKHOUSE SECTIONS AND DETAILS				
Plot Scale / Echelle AS NOTED				
Drawn by/ Dessine par C.M.E.		Date 03/10/18		
Field Recording by / Releve-Temoin par C.M.E./B.K.		Date 03/01/18		
Approved by / Approuve par CE		Date 07/11/18		
Checked by/ Verifie par CE		Date 07/11/18		
Project No./ No. du projet PRO001504		Asset No. 1202270		Sheet No./ Feuille No. A5
Drawing Re No./No. du Dessin ??				



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Drawn by/ Dessine par C.M.E.	Date 03/10/18			
Field Recording by / Releve-Temoin par C.M.E./B.K.	Date 03/01/18			
Approved by / Approuve par CE	Date 07/11/18			
Checked by/ Verifie par CE	Date 07/11/18			
Project No./ No. du projet PRO001504	Asset No. 1202266			
Sheet No./ Feuille No. A6				



XX	XXXX
DRAWING NO.	DRAWING NAME
REFERENCE DRAWINGS	
3	05/31/19 ISSUED FOR RETENDER C.M.E. BBA
2	09/25/18 ISSUED FOR TENDER C.M.E. BBA
1	03/29/18 ISSUED FOR REVIEW C.M.E. BBA
NO.	DATE DESCRIPTION Drawn by Approved
	Dessine par Approuve

REVISIONS	
A	A Detail number A Numero de detail
B	B Sheet number B Sur feuille numero
Linear dimensions in millimeters Dimensions lineaires en millimetres	



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

BLOCKHOUSE No. 3
PLANS AND ELEVATIONS

Plot Scale / Echelle
AS NOTED

Drawn by/ Dessine par
C.M.E. Date
03/10/18

Field Recording by /
Releve-Temoin par
C.M.E./B.K. Date
03/01/18

Approved by / Approuve par
CE Date
07/11/18

Checked by/ Verifie par
CE Date
07/11/18

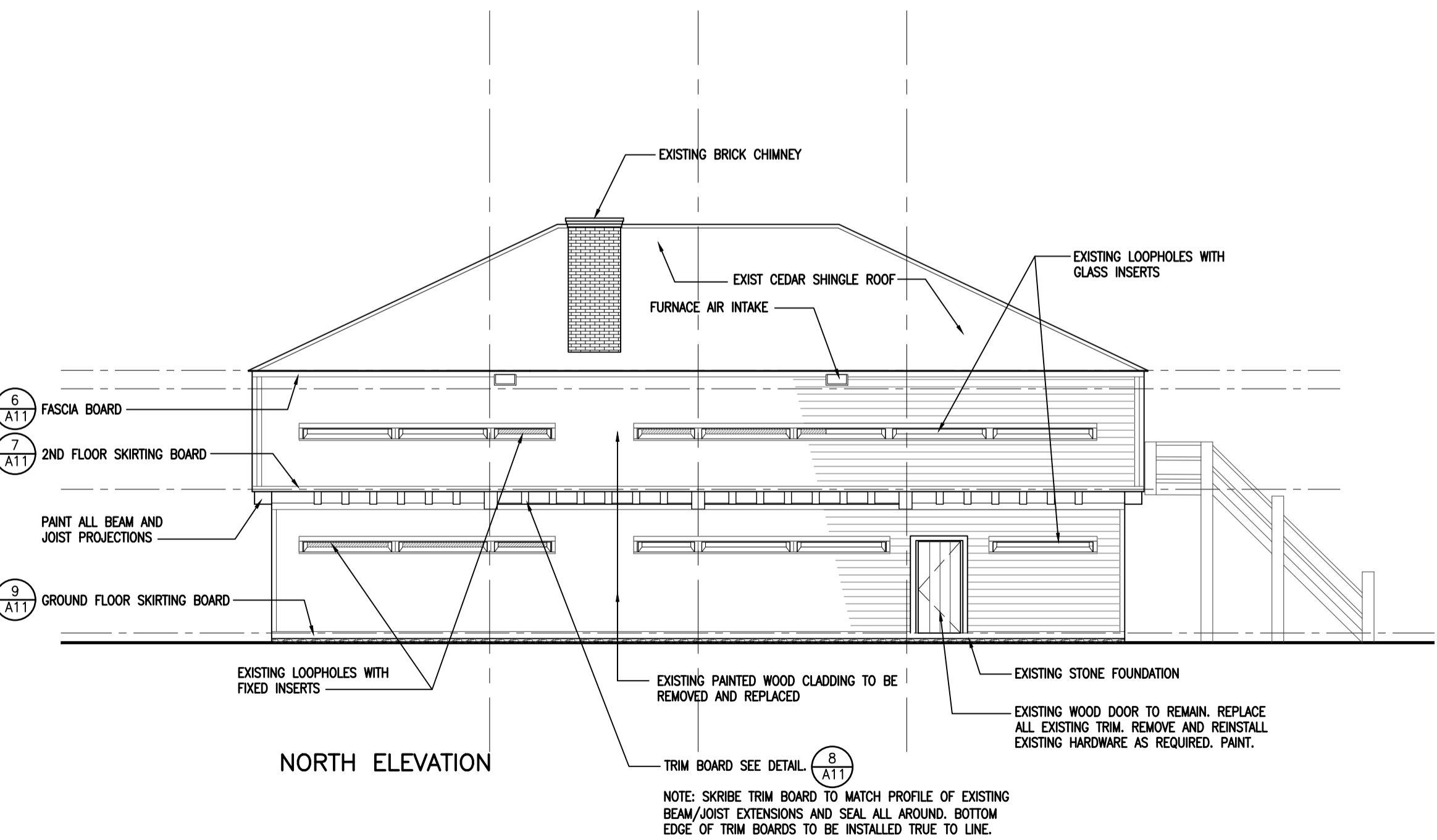
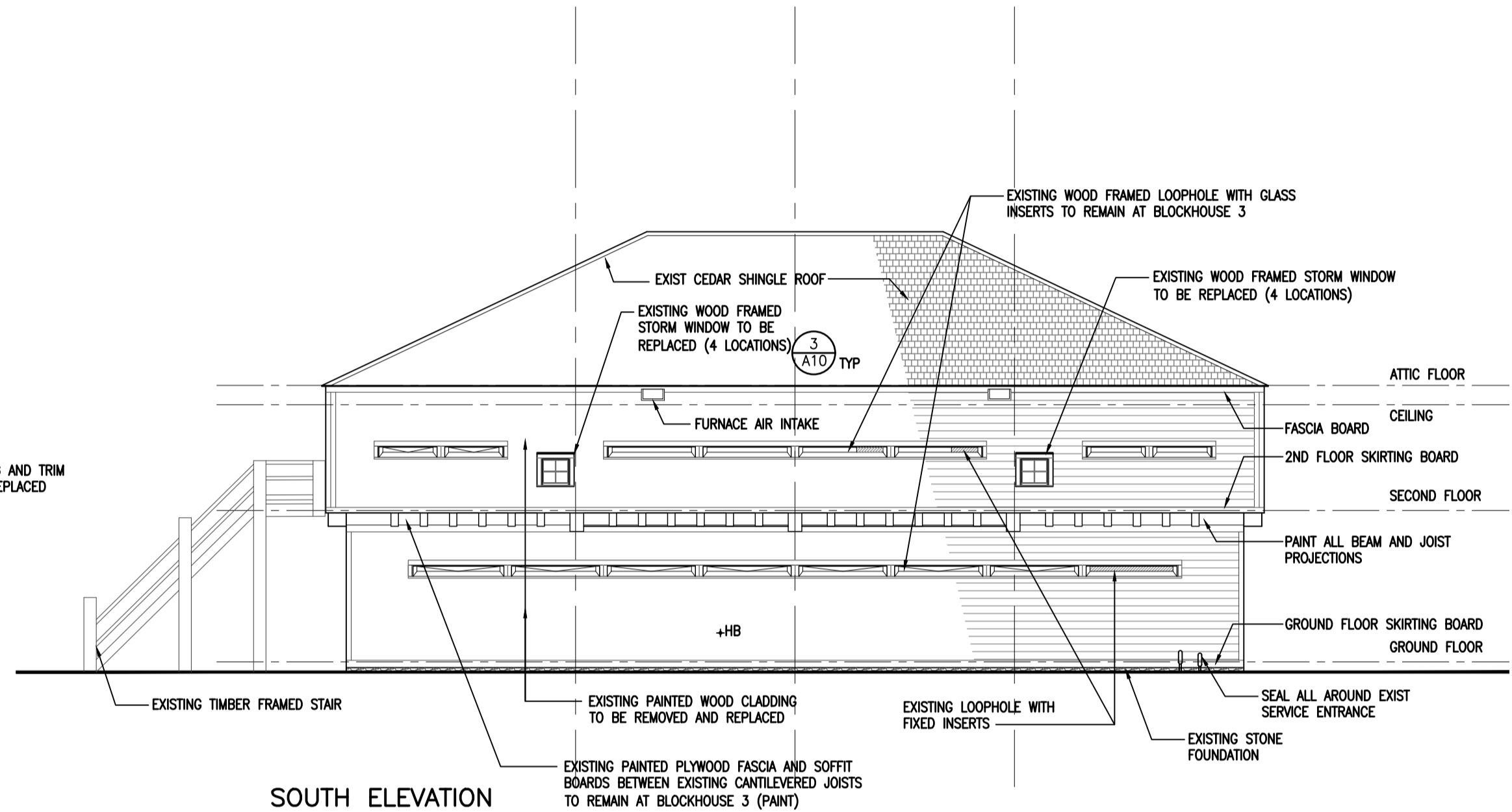
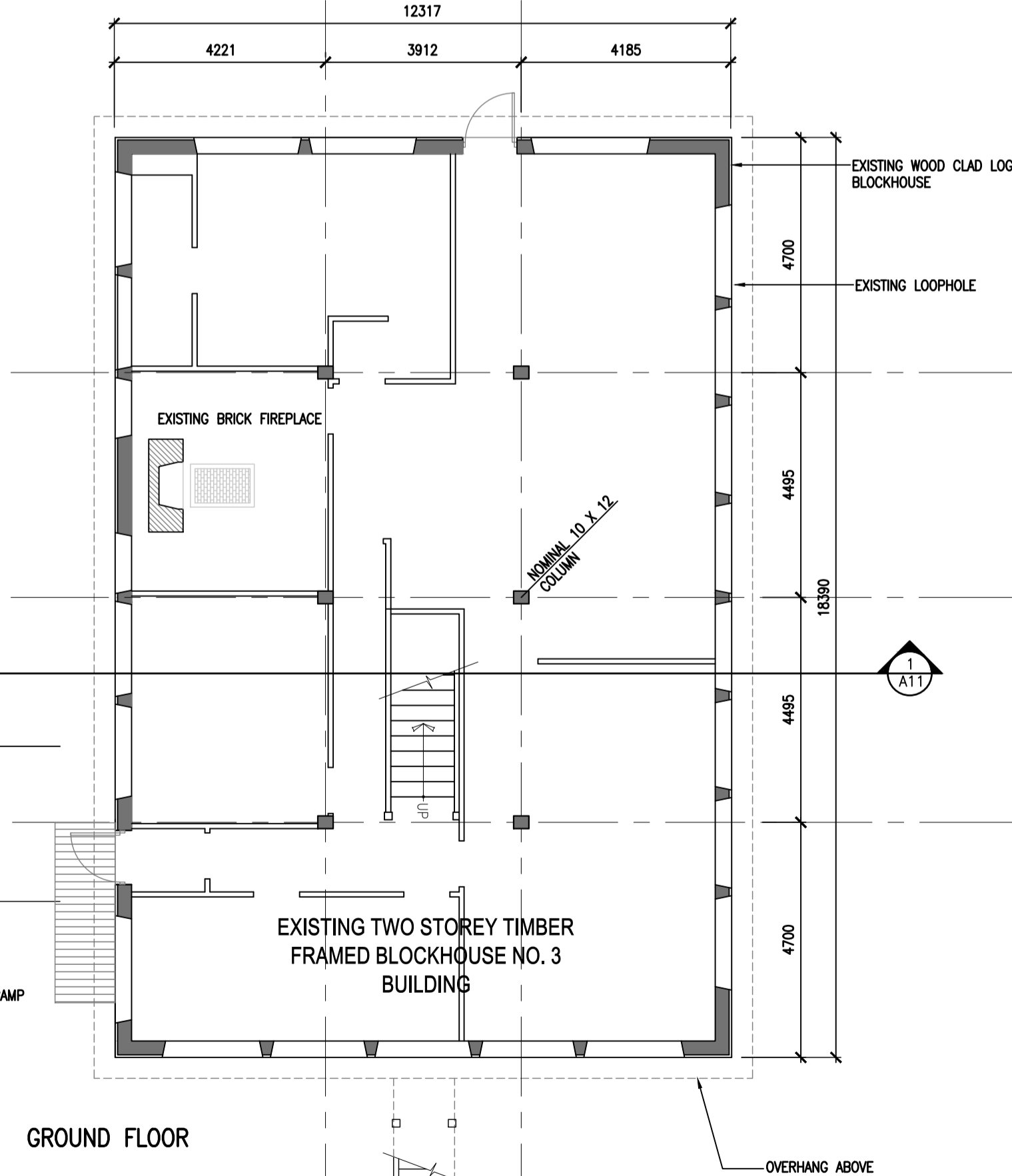
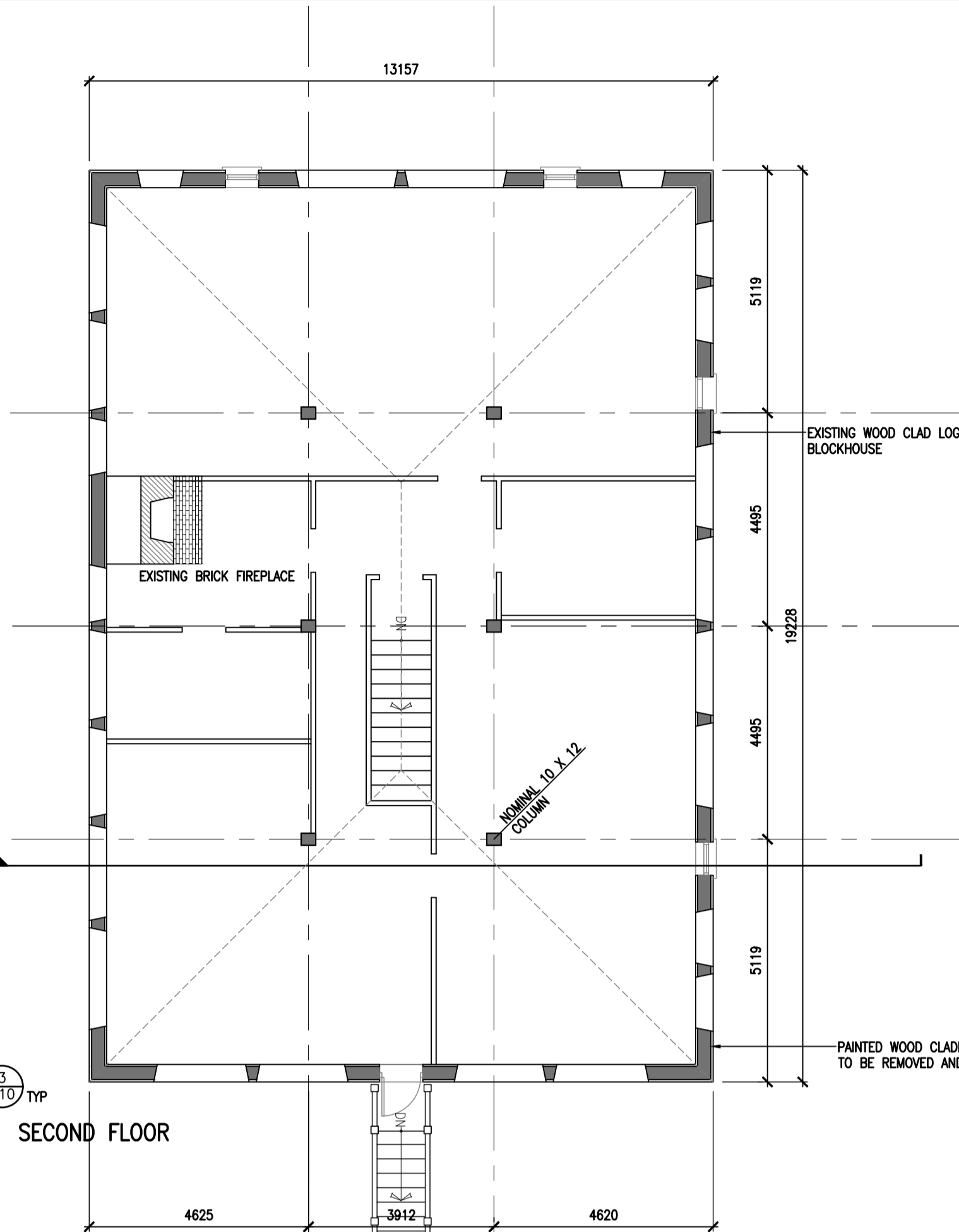
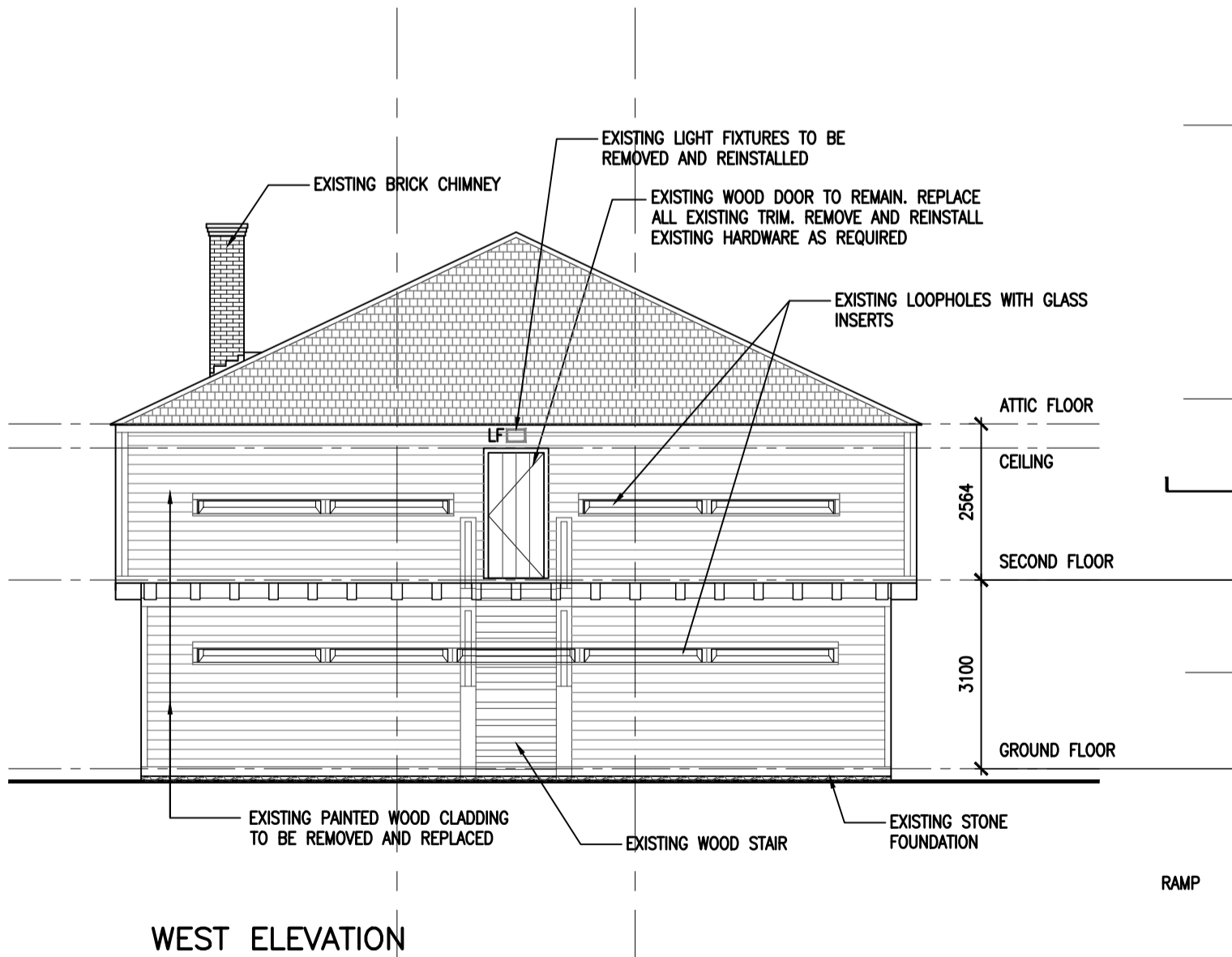
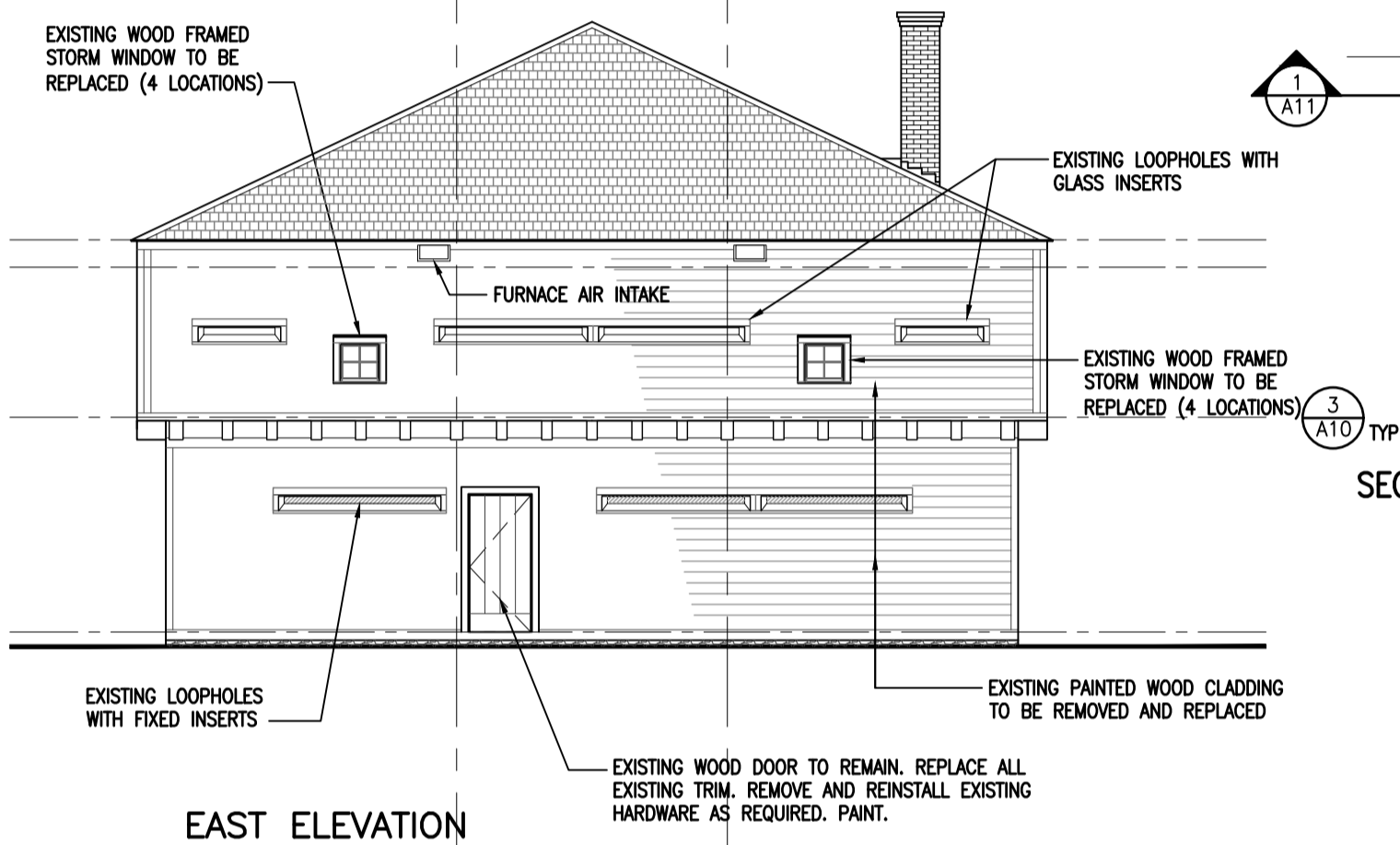
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PRO001504 Asset No.
1201179 Sheet No./
Feuille No.

Drawing Re No./No. du Dessin
??

A7

- NOTES
1. SITE VERIFY ALL DIMENSIONS.
 2. REFER TO DESIGNATED SUBSTANCES & HAZARDOUS MATERIALS SURVEY, FORT GEORGE- FOUR HISTORIC BUILDINGS (BLOCKHOUSES) PREPARED BY ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD., DATED JUNE 20, 2018. COMPLETE ALL HAZARDOUS MATERIALS ABATEMENT IN ACCORDANCE WITH LEGISLATED STANDARDS.
 3. EXISTING PAINTED WOOD CLADDING, TRIM AND FLASHINGS TO BE COMPLETELY REMOVED AND REPLACED. EXISTING WEATHER BARRIERS, STRAPPING AND INSULATION TO REMAIN (REPAIR OR REPLACE AS REQUIRED AND WHERE DIRECTED BY DEPARTMENTAL REPRESENTATIVE.) ALLOW FOR 130 M2 OF NEW INSULATION AND WEATHER BARRIER TO REPLACE EXISTING WHERE DAMAGED.
 4. REMOVE EXISTING LIGHTING FIXTURES INCLUDING WALL MOUNTED YARD LIGHTS AND SOFFIT AND EAVE MOUNTED STRIP LIGHTING AND REINSTALL AS REQUIRED TO COMPLETE CLADDING REPLACEMENT.
 5. SEAL ALL AROUND EXISTING SERVICE PENETRATIONS.
 6. ALL EXTERIOR WOOD SURFACES TO BE PAINTED.

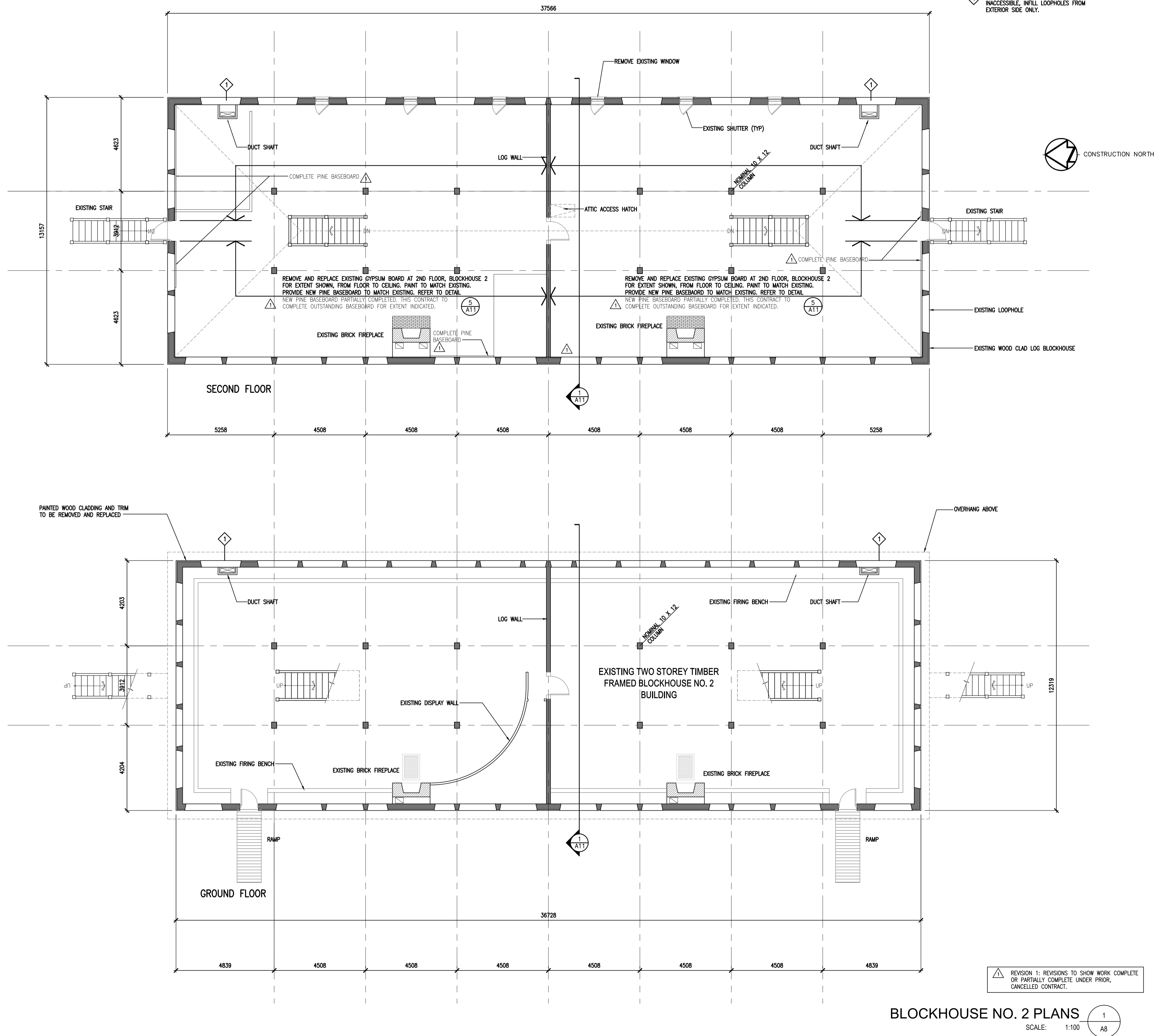
- RETENDER NOTES - BLOCKHOUSE 3
1. LIGHT FIXTURES REMOVED AND STORED IN BLOCKHOUSE 2.
 2. ALLOW FOR REPLACEMENT OF 30 M2 OF WEATHER BARRIER.



BLOCKHOUSE NO. 3 PLANS AND ELEVATIONS

SCALE: 1:100

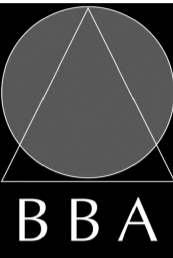
REVISION 1: REVISIONS TO SHOW WORK COMPLETE OR PARTIALLY COMPLETE UNDER PRIOR, CANCELLED CONTRACT.







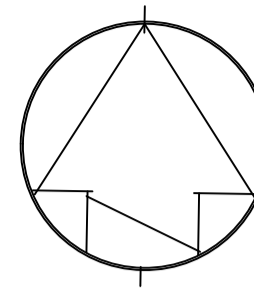


D. J. BOVILL
100166472
PROVINCE OF ONTARIO



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255 Water Street
Suite 201
Whitby, Ontario, L1N 1G0
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email: djb@bbawhwh.com

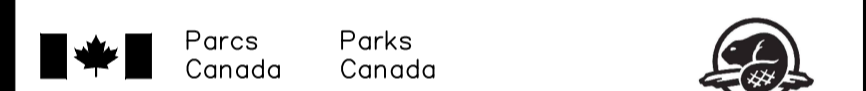
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DRAWING NO.	DRAWING NAME			
REFERENCE DRAWINGS				
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2	09/25/18	ISSUED FOR TENDER	C.M.E.	BBA
1	03/29/18	ISSUED FOR REVIEW	C.M.E.	BBA
NO.	DATE	DESCRIPTION	Drawn by Dessine par	Approved Approuve
REVISIONS				
A	A Detail number		A Numero de detail	
B	B Sheet number		B Sur feuille numero	
Linear dimensions in millimeters		Dimensions lineaires en millimetres		
	Parcs Canada	Parcs Canada		
Canada				
PARKS CANADA SOUTHWESTERN ONTARIO FIELD UNIT				
Type of Record / Type d'enregistrement				
Project title / Titre du projet				
FORT GEORGE BLOCKHOUSE RESTORATION PROJECT				
Drawing title / Titre du dessin				
BLOCKHOUSE No. 2 PLANS				
Plot Scale / Echelle AS NOTED				
Drawn by/ Dessine par C.M.E.		Date 03/10/18		
Field Recording by / Releve-Temoin par C.M.E./B.K.		Date 03/01/18		
Approved by / Approuve par CE		Date 07/11/18		
Checked by/ Verifie par CE		Date 07/11/18		
Project No./ No. du projet PR0001504		Asset No. 1202267		Sheet No./ Feuille No. A8
Drawing Re No./No. du Dessin				



XX	XXXX
DRAWING NO.	DRAWING NAME
REFERENCE DRAWINGS	
3	05/31/19 ISSUED FOR RETENDER C.M.E. BBA
2	09/25/18 ISSUED FOR TENDER C.M.E. BBA
1	03/29/18 ISSUED FOR REVIEW C.M.E. BBA
NO.	DATE DESCRIPTION Drawn by Approved Dessine par Approuve

REVISIONS	
A	A Detail number A Numero de detail
B	B Sheet number B Sur feuille numero

Linear dimensions in millimeters	Dimensions lineaires en millimetres
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Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

BLOCKHOUSE NO. 2
ELEVATIONS

Plot Scale / Echelle
AS NOTED

Drawn by/ Dessine par Date
C.M.E. 03/10/18

Field Recording by /
Releve-Temoin par Date
C.M.E./B.K. 03/01/18

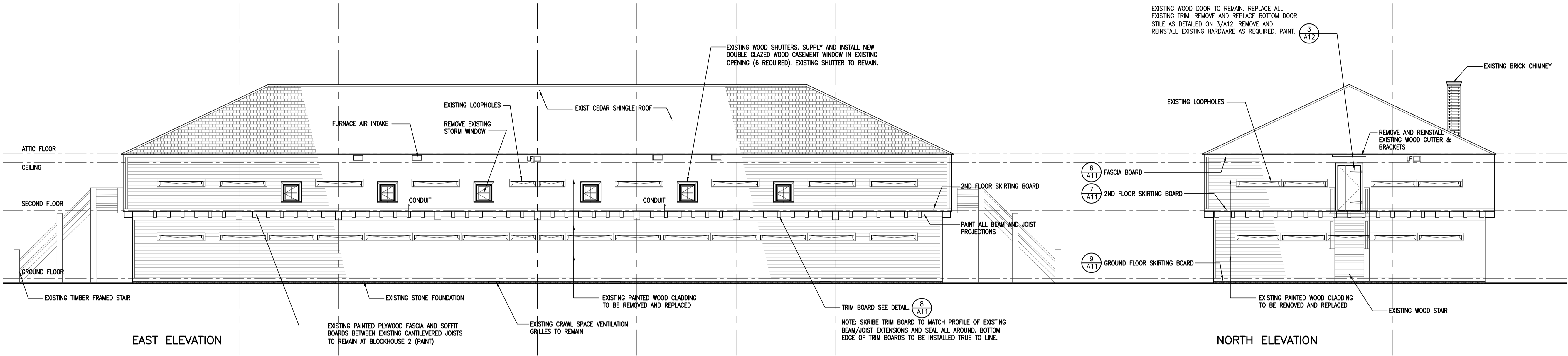
Approved by / Approuve par Date
CE 07/11/18

Checked by/ Verifie par Date
CE 07/11/18

Project No./ No. du projet Asset No.
PRO001504 1202267

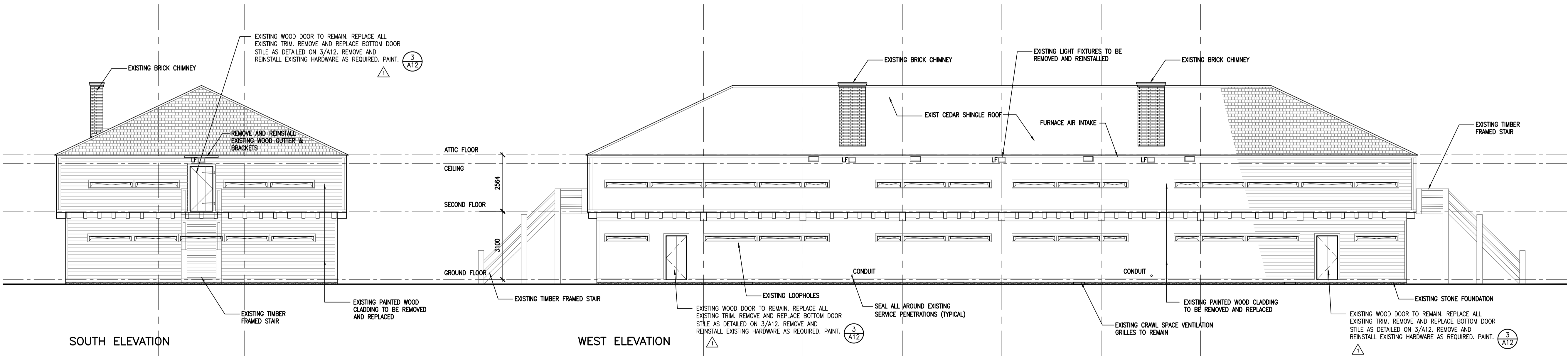
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Feuille No.
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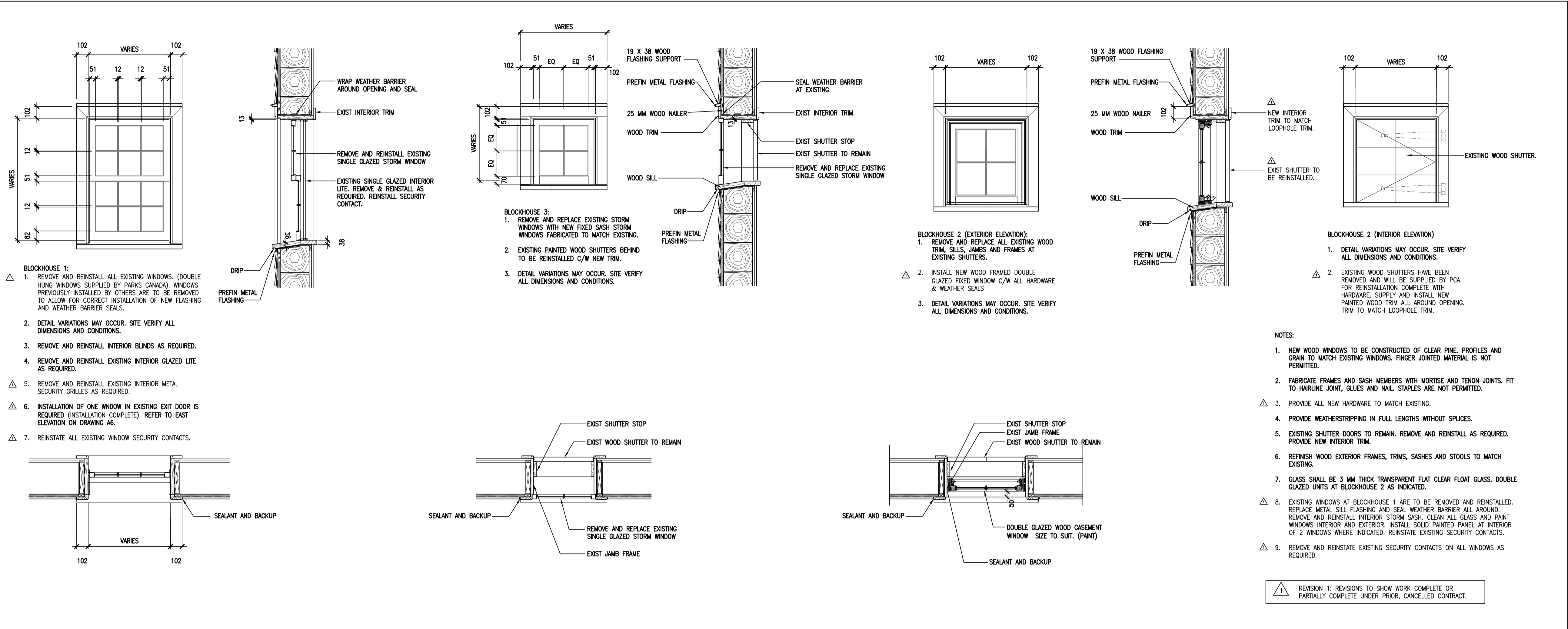
- NOTES
1. SITE VERIFY ALL DIMENSIONS.
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 5. SEAL ALL AROUND EXISTING SERVICE PENETRATIONS.
 6. ALL EXTERIOR WOOD SURFACES TO BE PAINTED.

- RETENDER NOTES - BLOCKHOUSE 2
1. INTERIOR GYPSUM BOARD INSTALLED AND PRIME PAINTED. CONTRACTOR TO COMPLETE APPLICATION OF FINISH COATS.
 2. WOOD BASEBOARD PARTIALLY COMPLETED. REFER TO PLANS FOR APPROXIMATE EXTENT OF NEW BASEBOARD REQUIRED TO BE COMPLETED.
 3. WOOD BASEBOARD TO BE PAINTED.
 4. EXISTING SHUTTERS HAVE BEEN REMOVED AND STORED IN BLOCKHOUSE 2. ALL HARDWARE IS STORED ON SITE. SHUTTERS TO BE REINSTALLED. PROVIDE NEW INTERIOR TRIM TO SUIT.
 5. INTERIOR TRIM AT LOOPHOLES PARTIALLY REMOVED.
 6. INTERIOR COAT PEGS AND SHELVES HAVE BEEN PARTIALLY REMOVED AND ARE STORED IN V BLOCKHOUSE 2 COMPLETE WITH ALL HARDWARE.
 7. ALLOW FOR REPLACEMENT OF 40 M2 OF WEATHER BARRIER.
 8. LIGHT FIXTURES REMOVED AND STORED IN BLOCKHOUSE 2.

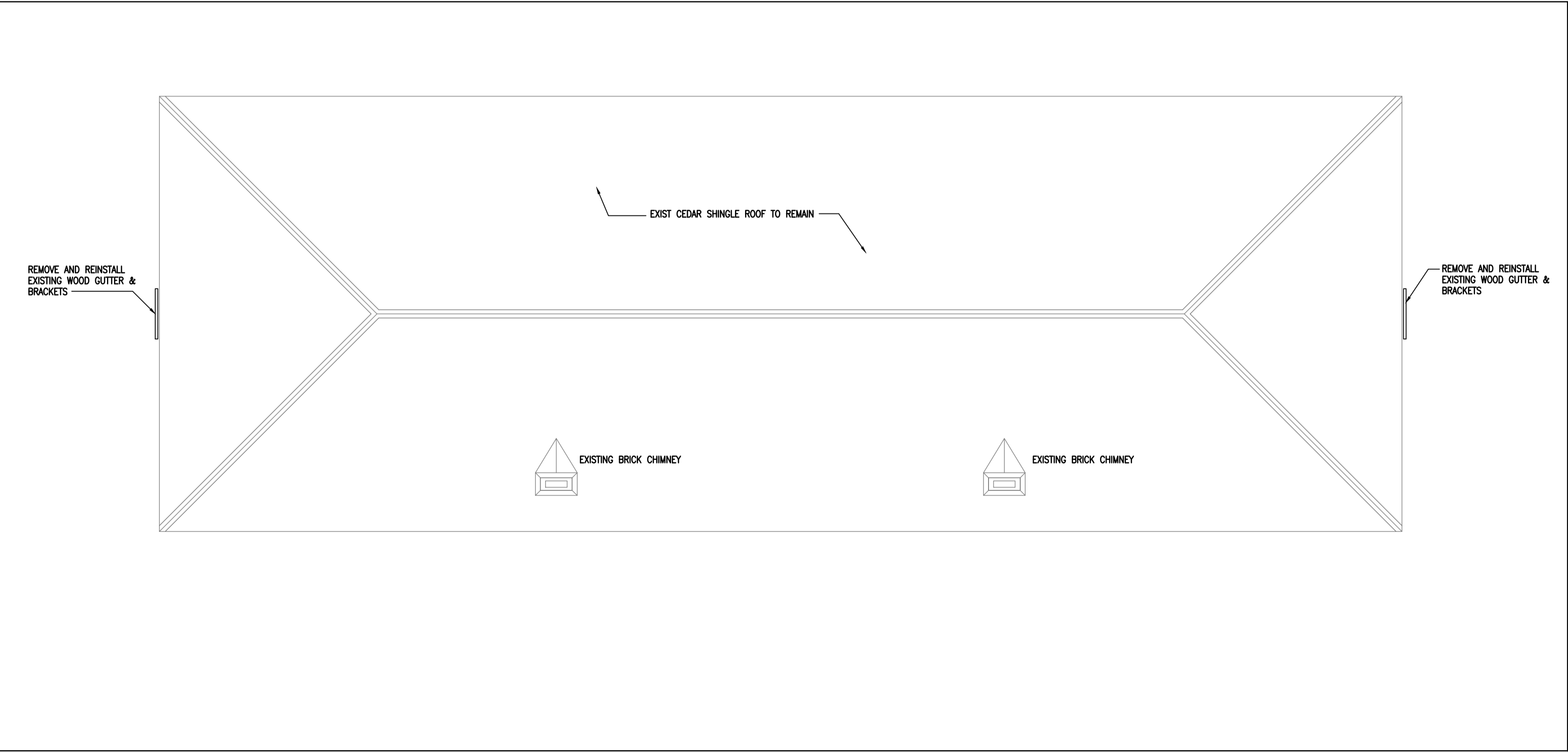


BLOCKHOUSE NO. 2 ELEVATIONS
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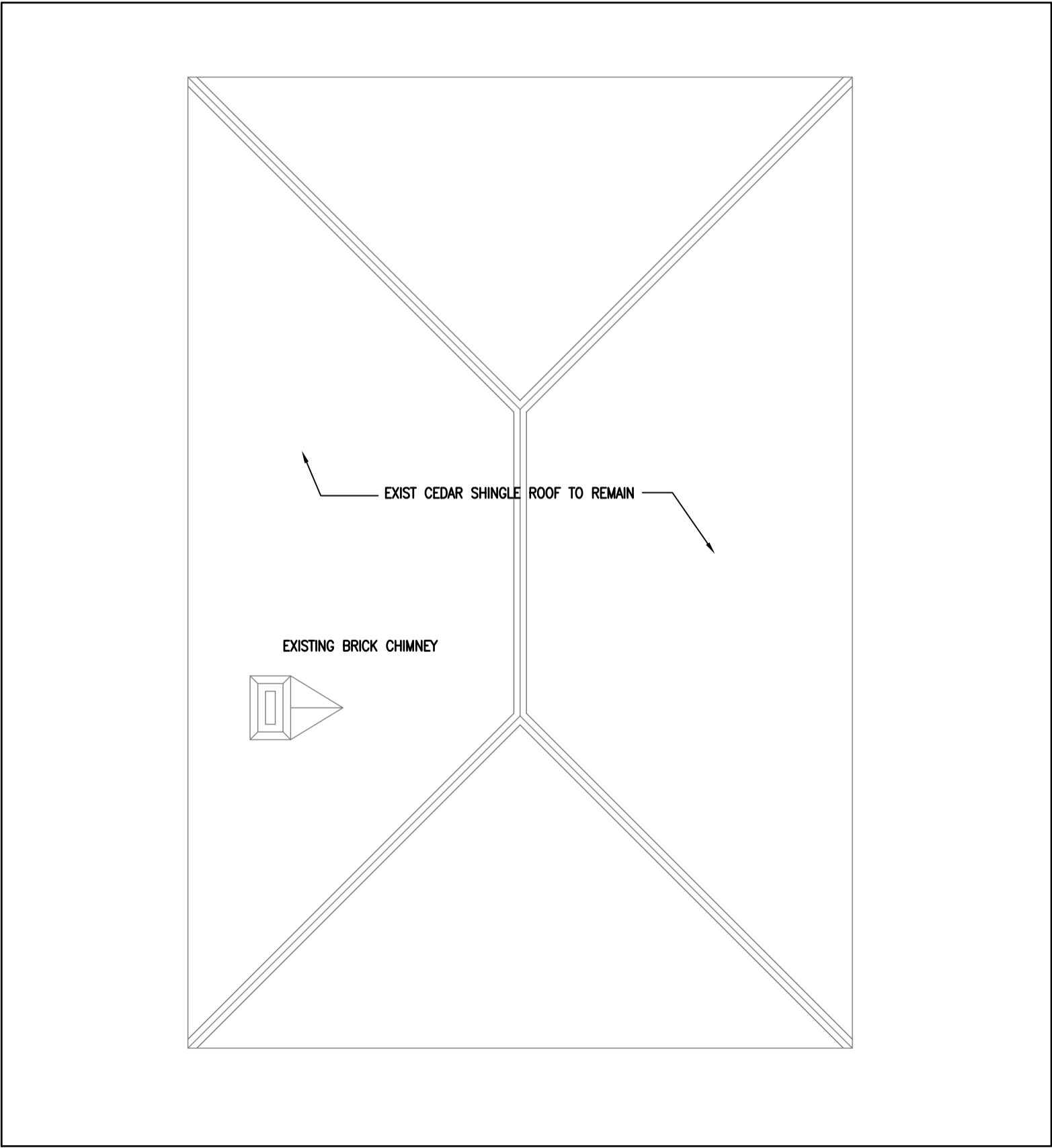
REVISION 1: REVISIONS TO SHOW WORK COMPLETE OR PARTIALLY COMPLETE UNDER PRIOR, CANCELLED CONTRACT.



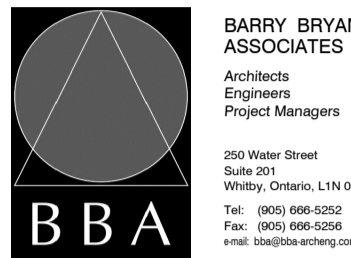
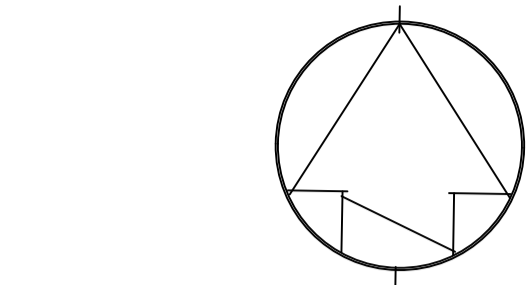
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SCALE: 1:20 A10



BLOCKHOUSE NO. 2 ROOF PLAN 2
SCALE: 1:100 A10



BLOCKHOUSE NO. 1 & 3 ROOF PLAN 1
SCALE: 1:100 A10



XX XXXX

DRAWING NO. DRAWING NAME

REFERENCE DRAWINGS

NO.	DATE	DESCRIPTION	Drawn by Dessine par	Approved Approuve
3	05/31/19	ISSUED FOR RETENDER	C.M.E.	BBA
2	09/25/18	ISSUED FOR TENDER	C.M.E.	BBA
1	03/29/18	ISSUED FOR REVIEW	C.M.E.	BBA

REVISIONS

A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters Dimensions lineaires en millimetres



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
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Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

BLOCKHOUSE No. 1, 2 & 3
ROOF PLANS AND
DETAILS

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par Date
C.M.E. 03/10/18

Field Recording by /
Releve-Temoin par Date
C.M.E./B.K. 03/01/18

Approved by / Approuve par Date
CE 07/11/18

Checked by/ Verifie par Date
CE 07/11/18

Project No./ No. du projet Asset No.
PRO001504 1201178, 1202266, 1202267

Drawing Re No./No. du Dessin
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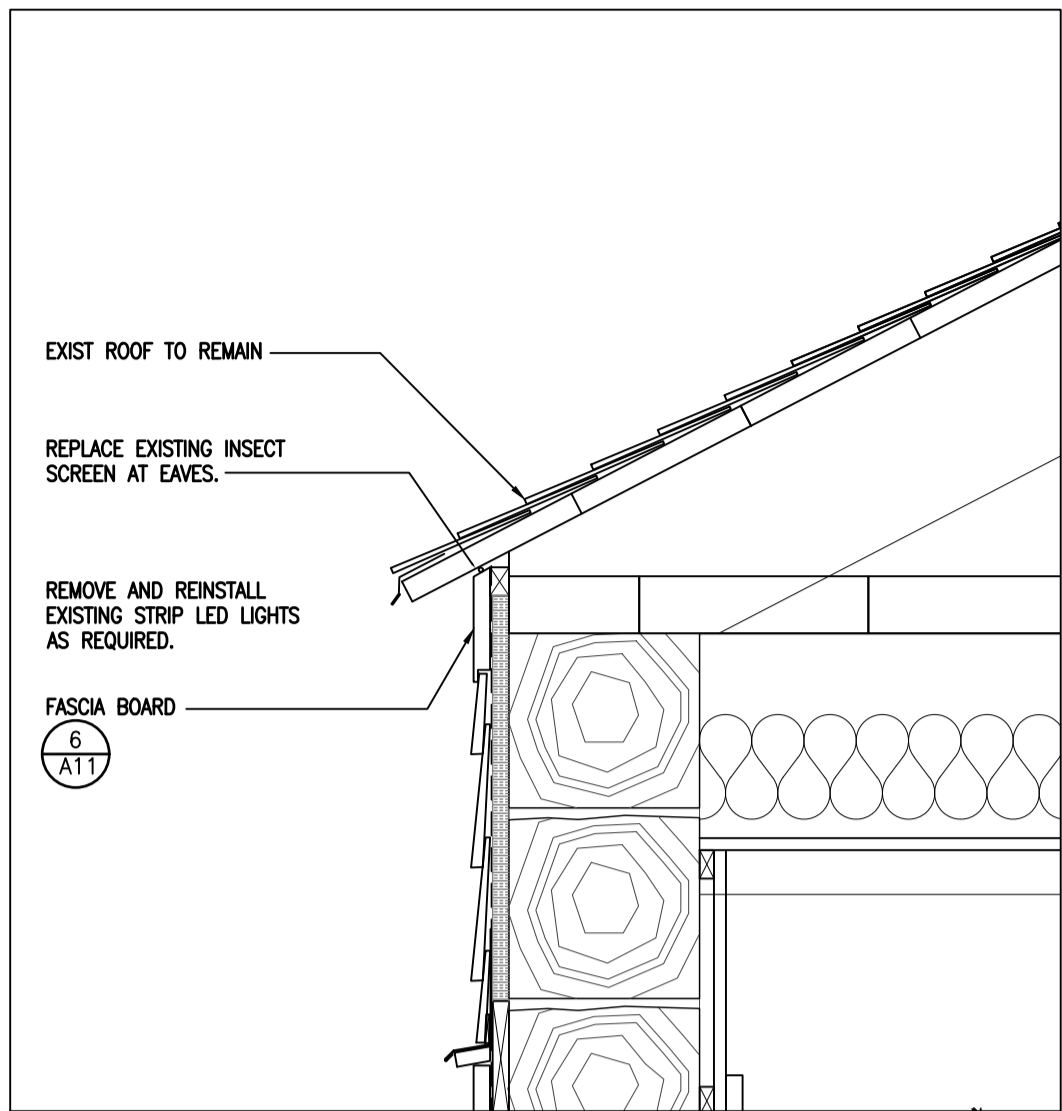
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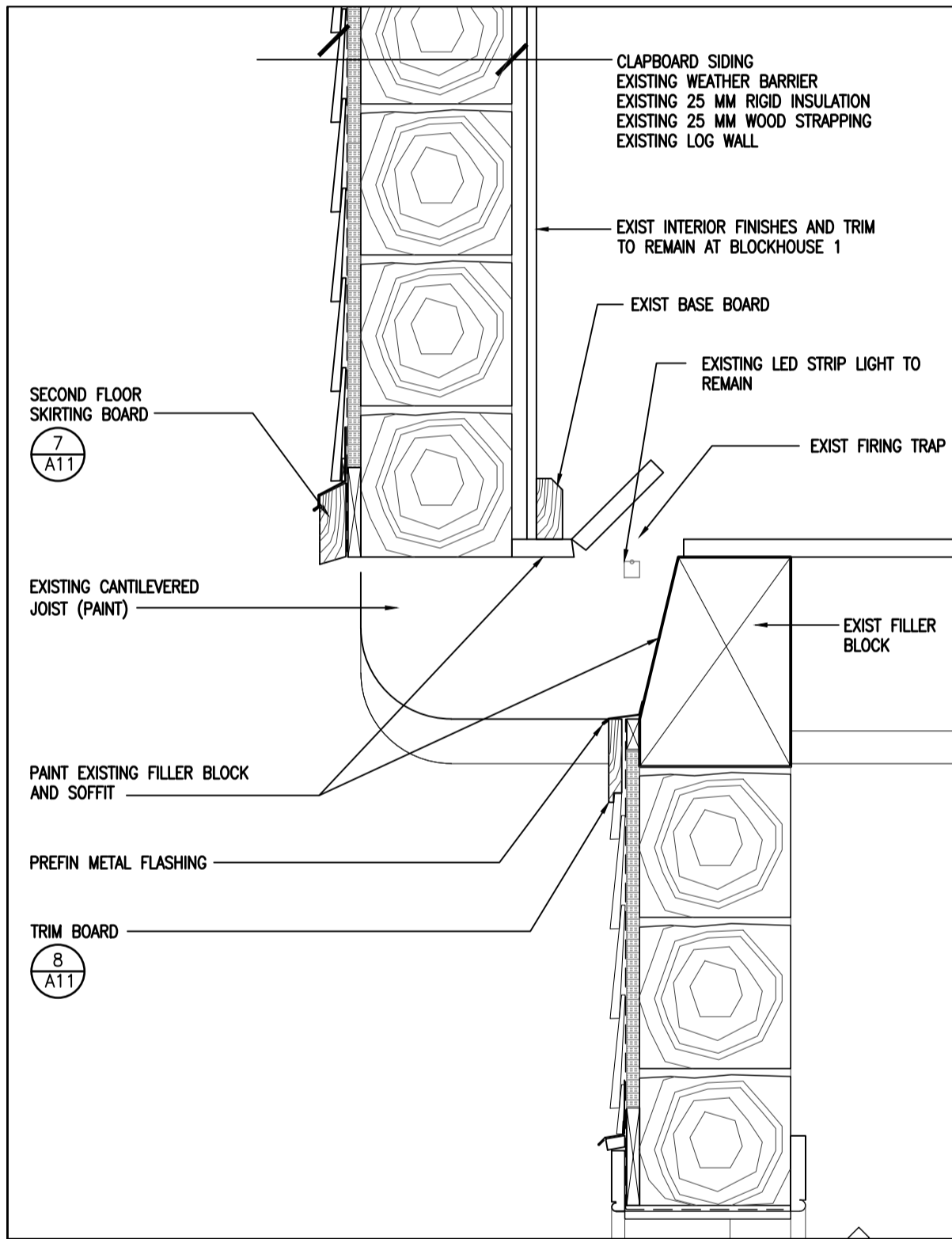
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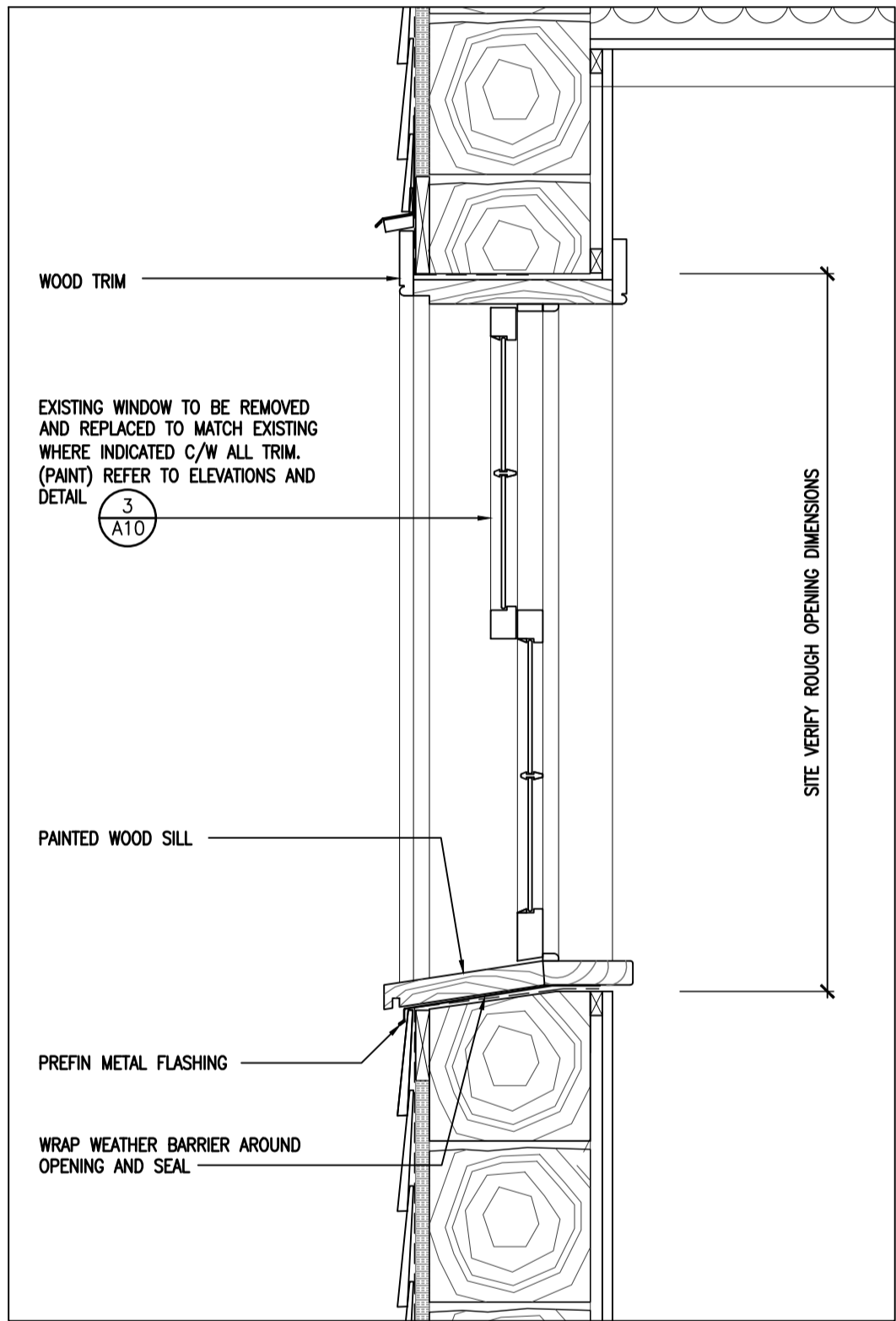
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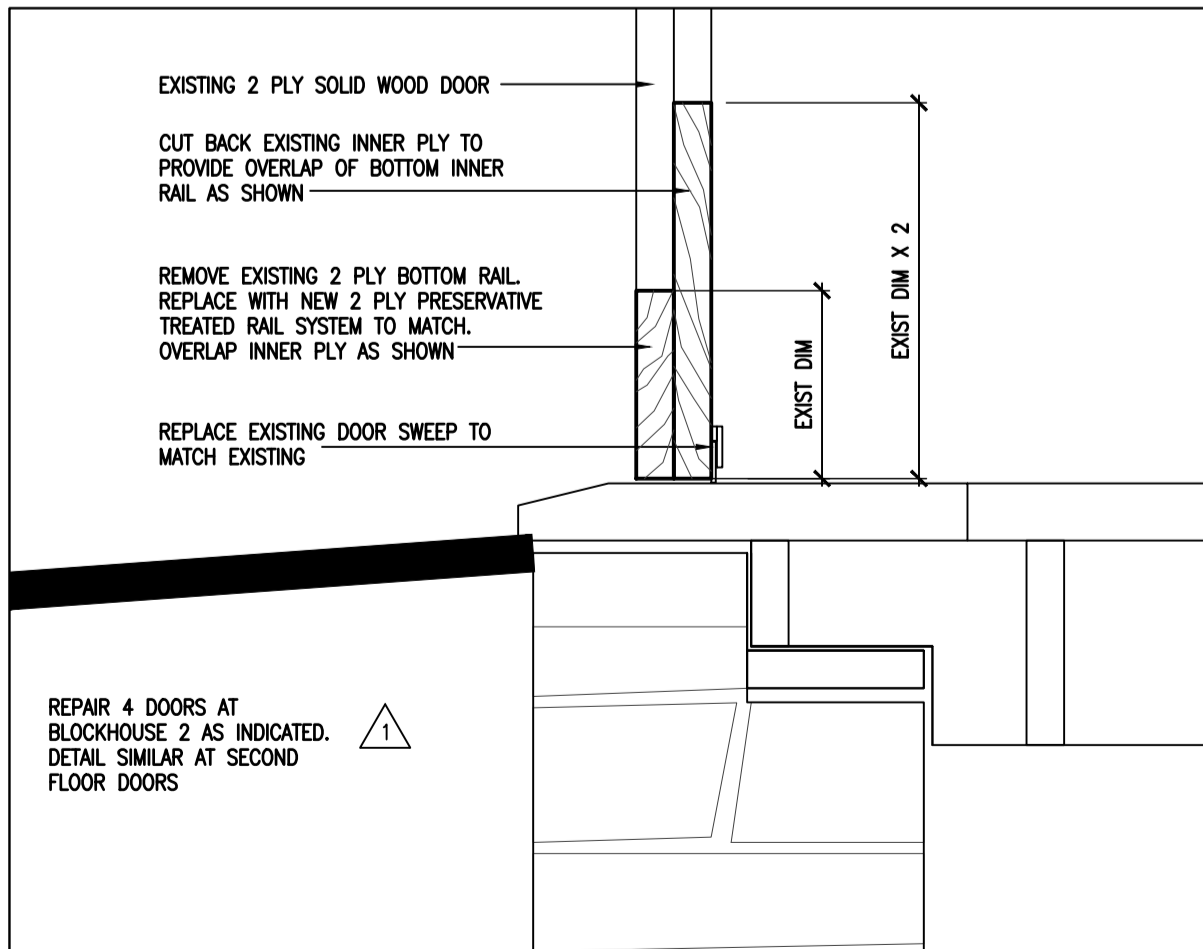
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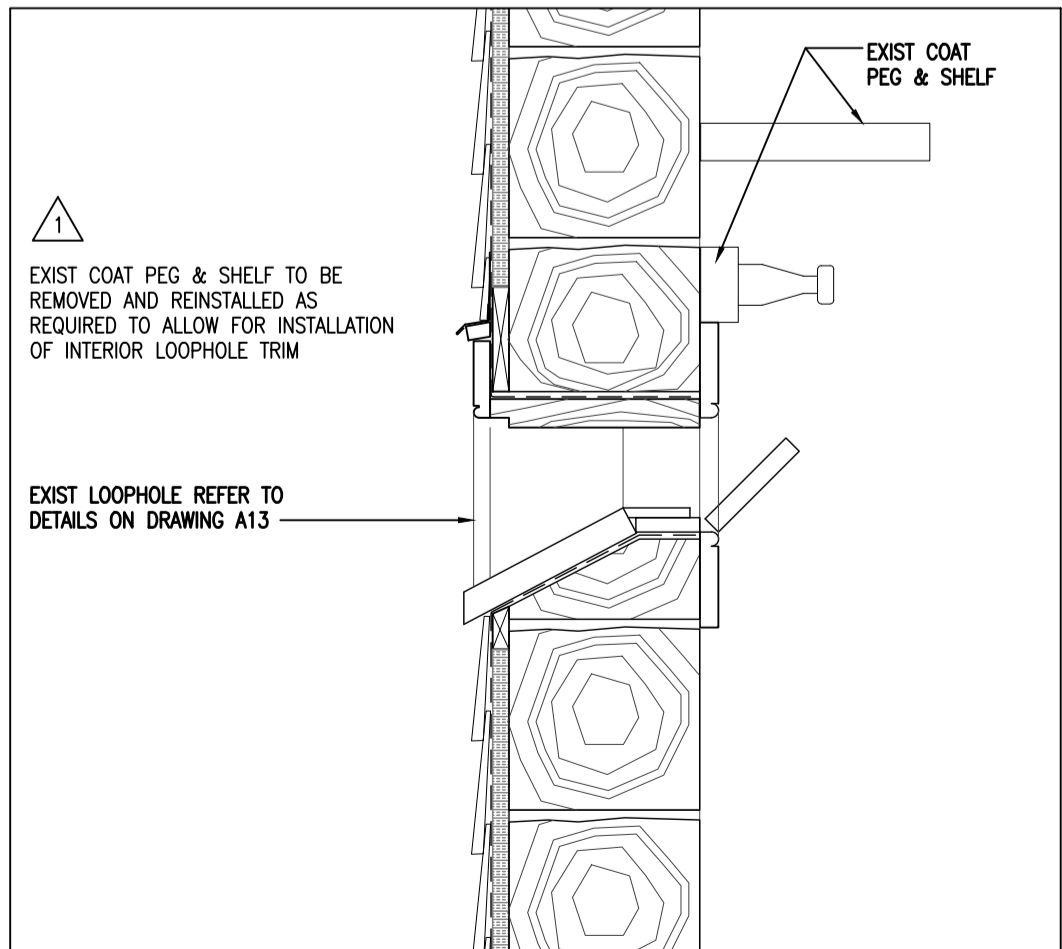
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SECTION DETAIL

SCALE: 1:10

2
A12




SECTION DETAIL

SCALE: 1:10

1
A12



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DRAWING NO.		DRAWING NAME		
<u>REFERENCE DRAWINGS</u>				
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2	09/25/18	ISSUED FOR TENDER	C.M.E.	BBA
1	03/29/18	ISSUED FOR REVIEW	C.M.E.	BBA
NO.	DATE	DESCRIPTION	Drawn by Designe par	Approved Approuve

<u>REVISIONS</u>		
	A Detail number	A Numero de detail
	B Sheet number	B Sur feuille numero

Linear dimensions in
millimeters



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
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Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

BLOCKHOUSE No. 1, 2 & 3 DETAILS

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par	Date
C.M.E.	03/10/18

Field Recording by / Releve-Temoin par C.M.E./B.K.	Date 03/01/18
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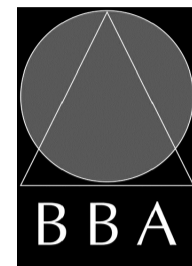
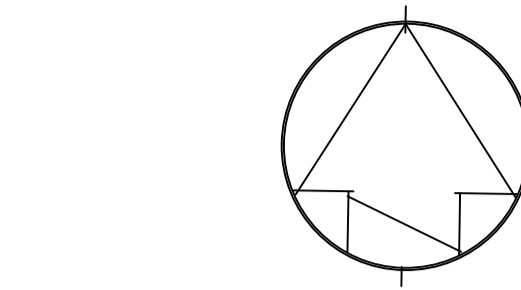
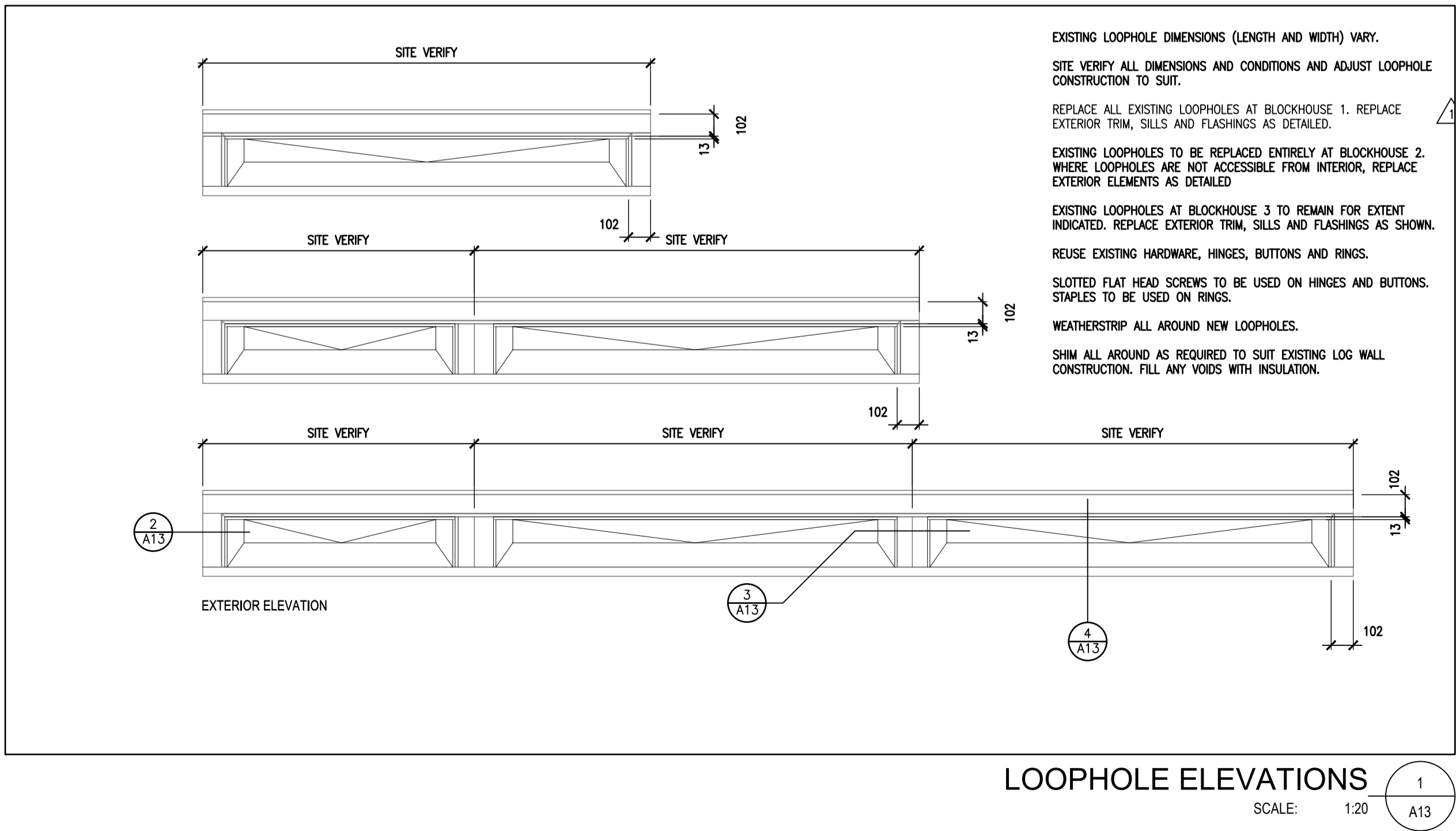
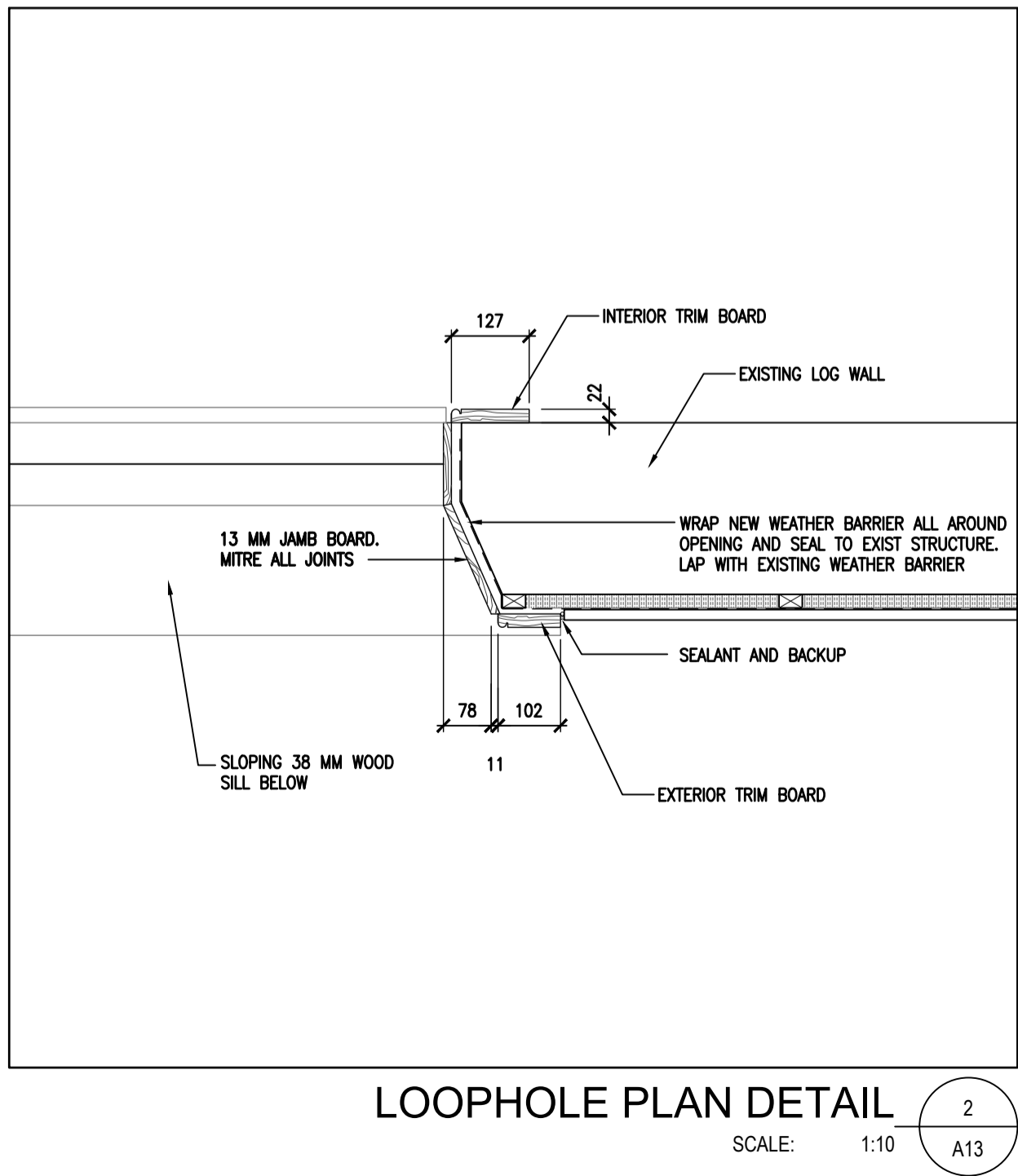
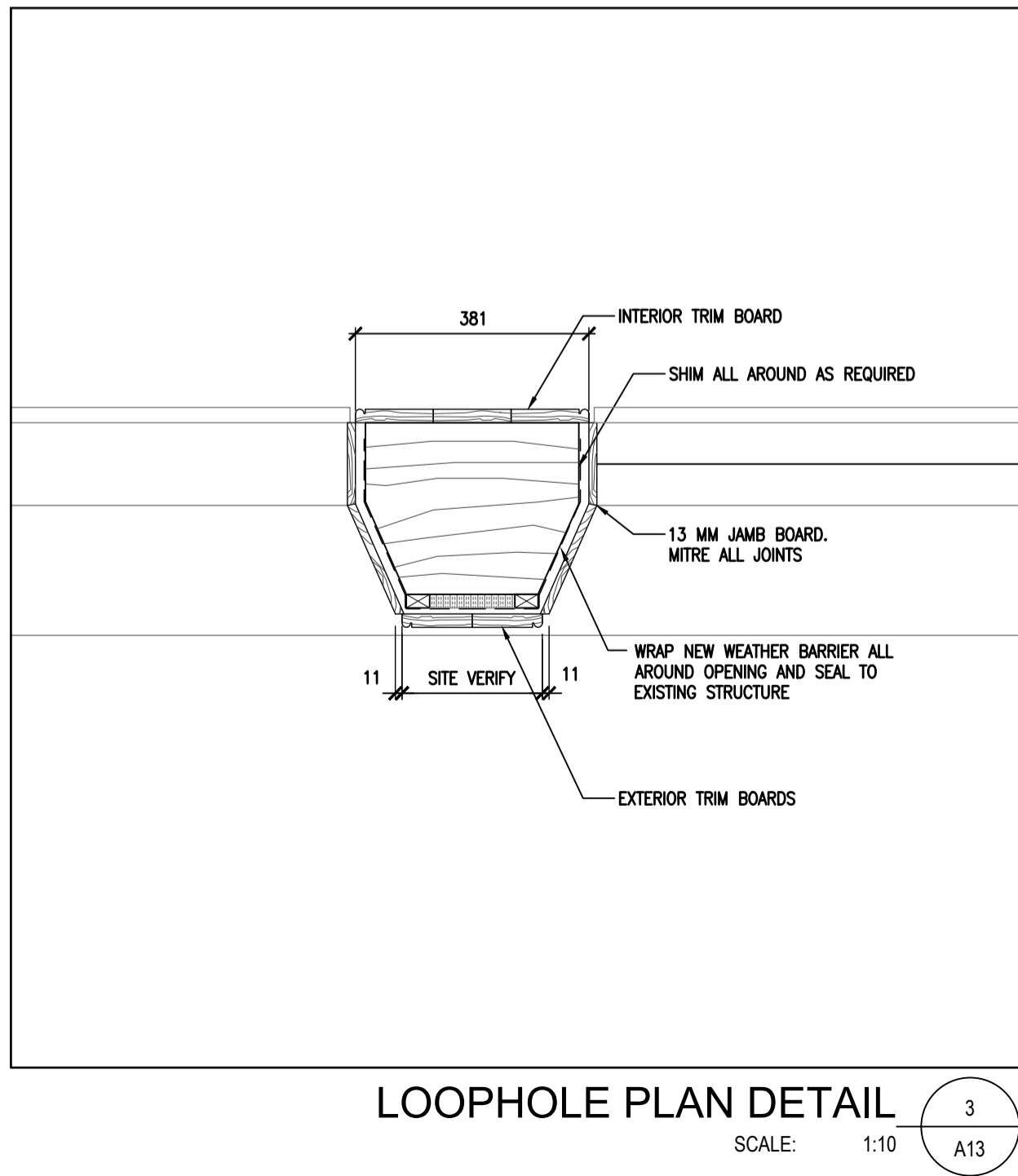
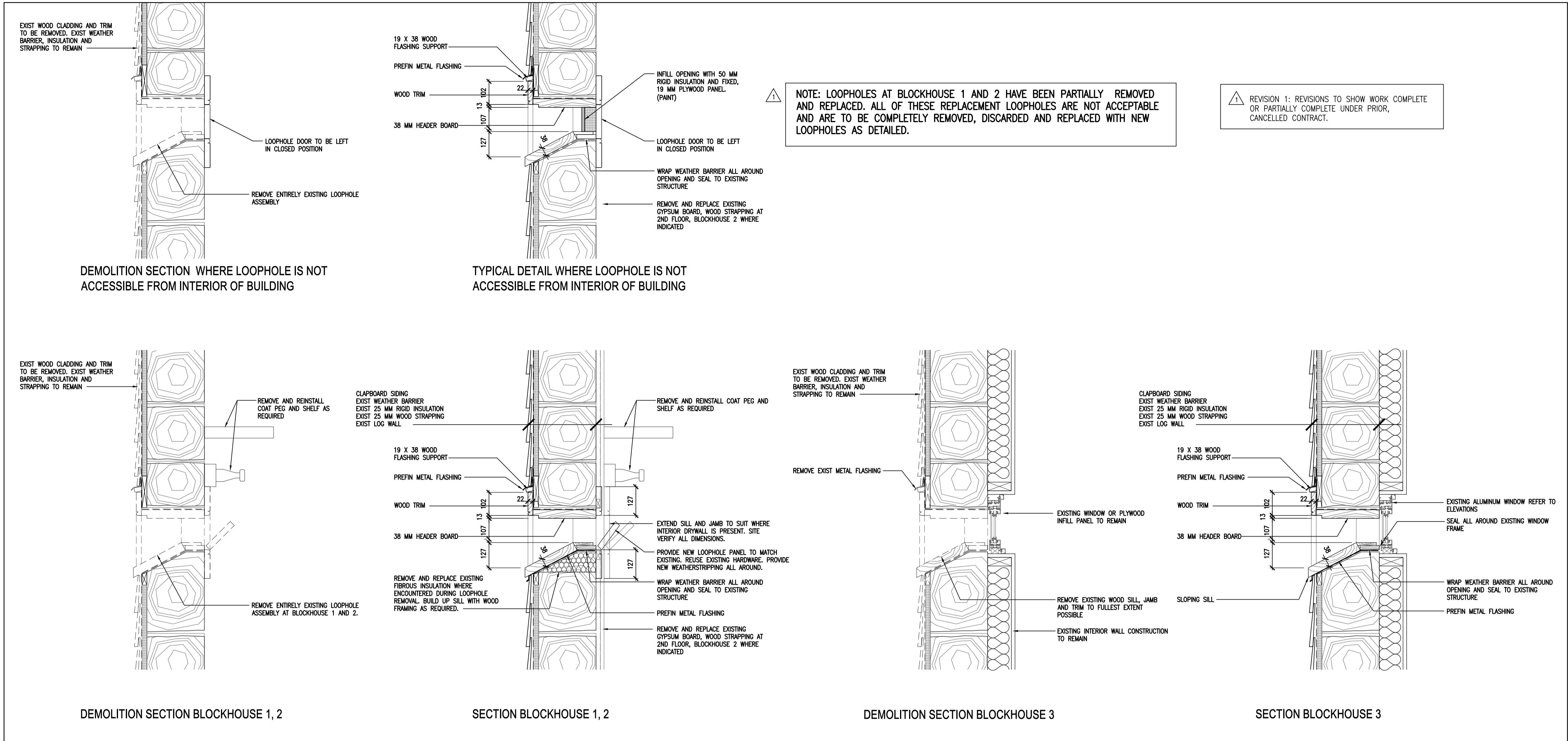
Approved by / Approuve par CE	Date 07/11/18
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Checked by/ Verifié par	Date
CE	07/11/18

Project No./ No. du projet	Asset No.
PR0001504	1201179, 1202266, 1202267

Drawing Re No./No. du Dessin	??
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A12



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250 Water Street
Suite 201
Whitby, Ontario, L1N 1G5
Tel: (905) 866-5252
Fax: (905) 866-5565
email: bba@bbaengineering.com

XX	XXXX			
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REFERENCE DRAWINGS				
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2	09/25/18	ISSUED FOR TENDER	C.M.E.	BBA
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NO.	DATE	DESCRIPTION	Drawn by Dessine par	Approved Approuve

REVISIONS				
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B	B Sheet number	B Sur feuille numero		

Linear dimensions in millimeters
Dimensions lineaires en millimetres



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
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Project title / Titre du projet
**FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT**

Drawing title / Titre du dessin
**BLOCKHOUSE No. 1, 2 & 3
DETAILS**

Plot Scale / Echelle
AS NOTED

Drawn by/ Dessine par
C.M.E.

Date
03/10/18

Field Recording by /
Releve-Temoin par
C.M.E./B.K.

Date
03/01/18

Approved by / Approuve par
CE

Date
07/11/18

Checked by/ Verifie par
CE

Date
07/11/18

Project No./ No. du projet
PRO001504

Asset No.
1201179, 1202266, 1202267

Sheet No./
Feuille No.

Drawing Re No./No. du Dessin
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A13

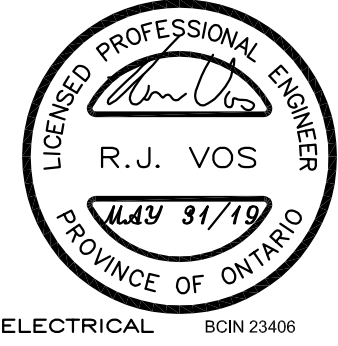
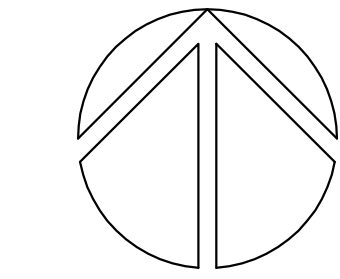


NOTES
1 SEE ENLARGEMENT ON DRAWING E2.

ELECTRICAL SITE PLAN
SCALE: 1:1000
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K
KIRKLAND ENGINEERING LTD.
570 Water Street
Peterborough, Ontario
K9H 3M8
p. (705) 745-2831
f. (705) 741-1526
www.kirklandeng.com

KEL PROJECT NO. 6215

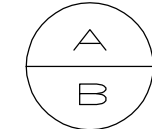


DRAWING NO. DRAWING NAME

REFERENCE DRAWINGS

#	DATE	DESCRIPTION	Drawn	Approved
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2	JUL./11/18	ISSUED FOR TENDER	K.E.R.	R.J.V.
1	JUN./26/18	ISSUED FOR 100% REVIEW	K.E.R.	R.J.V.
0	MAY/18/18	ISSUED FOR 90% REVIEW	K.E.R.	R.J.V.

REVISIONS



A Detail number A Numero de detail
B Sheet number B Sur feuille numero

Linear dimensions in millimeters
Dimensions lineaires en millimetres



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PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

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Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

OVERALL SITEPLAN

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par
K.E.R. Date
04/12/18

Field Recording by /
Releve-Temoin par
R.J.V. Date
03/15/18

Approved by / Approuve par
R.J.V. Date
07/11/18

Checked by/ Verifie par
R.J.V. Date
07/11/18

Project No./ No. du projet
PRO001504

Drawing Re No./No. du Dessin

E1

NOTES

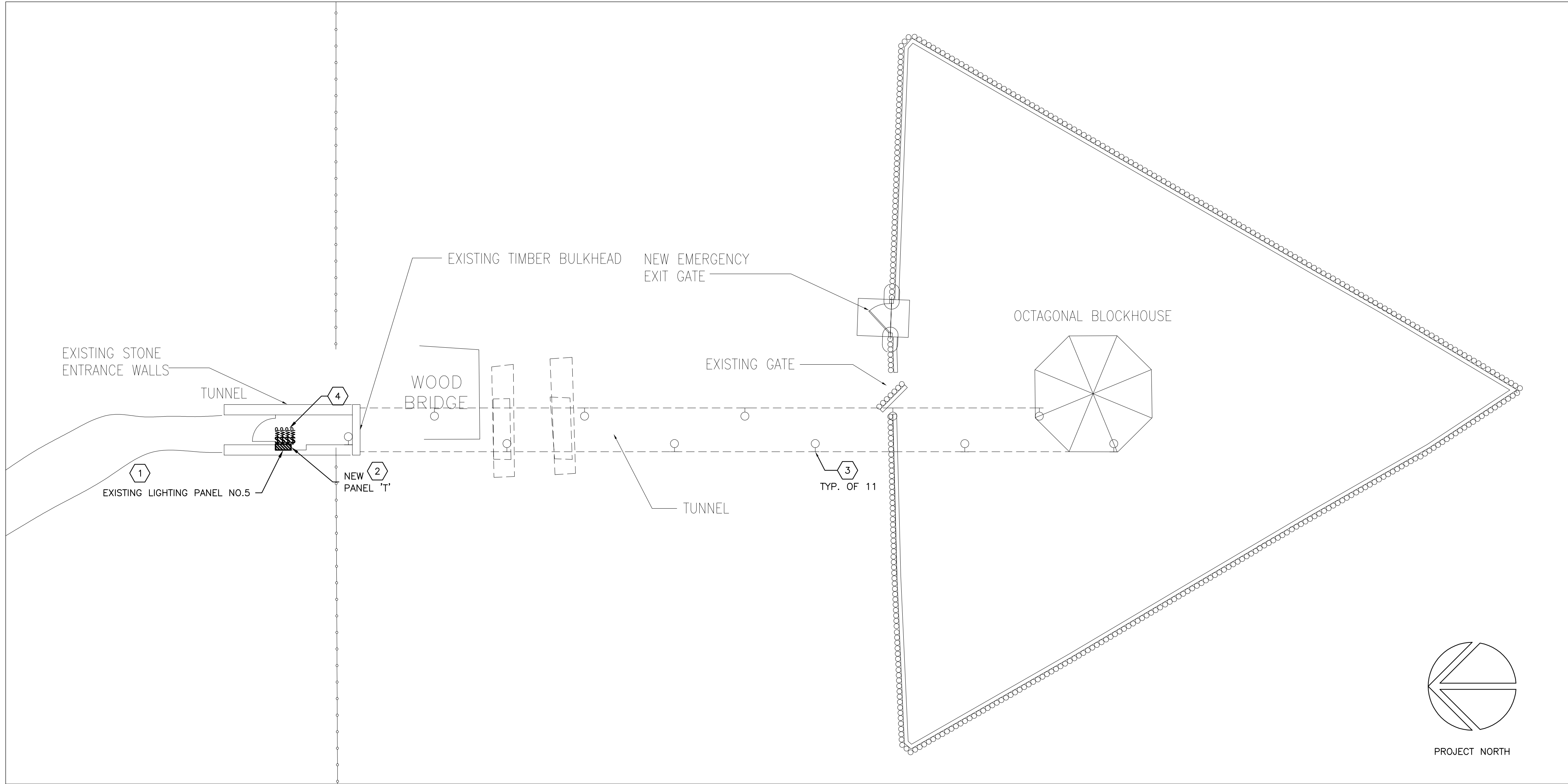
- 1

REMOVE EXISTING 12CCT, 120/208V, 1P, 3W LIGHTING PANEL NO.5 LOCATED IN RECESS IN THE WALL IN TUNNEL. RETAIN EXISTING FEEDER FROM PANEL LP-B IN MAIN ELECTRICAL ROOM IN BLOCKHOUSE NO.3. TRACE OUT FEEDER TO CONFIRM IT IS FED FROM BLOCK HOUSE NO.3 PANEL LP-B.
- 2

INSTALL NEW PANEL "T" IN TUNNEL. REUSE EXISTING FEEDER PREVIOUSLY FEEDING EXISTING LIGHTING PANEL NO.5 THAT WAS REMOVED. PROVIDE NEW NEMA TYPE 4 JUNCTION BOXES IN RECESS IN WALL IN FORMER LOCATION OF REMOVED LIGHTING PANEL NO.5 AS REQUIRED TO CONNECT EXISTING FEEDER AND BRANCH CIRCUITS TO NEW PANEL "T". INCLUDE FOR MAKING THE OPENING IN THE EXISTING STONE WALL LARGER TO ACCOMODATE THE NEW PANEL AND ENCLOSURE, LIGHT SWITCHES AND ANY REQUIRED JUNCTION BOXES. THE EXISTING OPENING IN THE WALL IS 16" WIDE x 22" HIGH x 4" DEEP. THE BOTTOM OF THE OPENING IS 55" ABOVE THE TUNNEL FLOOR. THE NEMA 3R PANEL SHALL BE INSTALLED IN A SEPARATE NEMA 4 ENCLOSURE.
- 3

APPROXIMATE LOCATION OF EXISTING WALL MOUNTED TUNNEL LIGHTING. THERE ARE A TOTAL OF 11 LIGHTS IN THE TUNNEL.
- 4

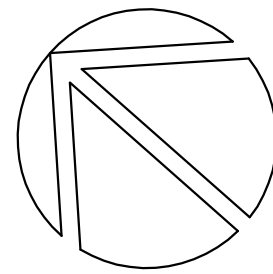
PROVIDE FOUR (4) NEW WEATHERPROOF LIGHT SWITCHES TO CONTROL EXISTING TUNNEL LIGHTING AND LIGHTING IN POWDER MAGAZINE. INSTALL IN ENLARGED RECESS IN THE WALL BESIDE THE NEW PANEL "T".



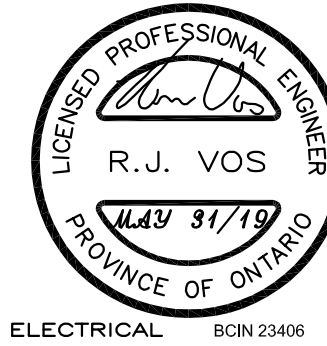
1 ELECTRICAL SITE PLAN ENLARGEMENT
E2 SCALE
1:100

KEL PROJECT NO. 6215

NORTH



STAMP



DRAWING NO. DRAWING NAME

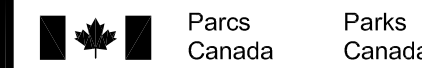
REFERENCE DRAWINGS

#	DATE	DESCRIPTION	Drawn	Approved
3	MAY/31/19	ISSUED FOR RETENDER	K.E.R.	R.J.V.
2	JUL./11/18	ISSUED FOR TENDER	K.E.R.	R.J.V.
1	JUN./26/18	ISSUED FOR 100% REVIEW	K.E.R.	R.J.V.
0	MAY/18/18	ISSUED FOR 90% REVIEW	K.E.R.	R.J.V.

REVISIONS

A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters
Dimensions lineaires en millimetres



Canadä

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

**FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT**

Drawing title / Titre du dessin

OCTAGONAL BLOCKHOUSE

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par
K.E.R.

Date
04/12/18

Field Recording by /
Releve-Temoin par
R.J.V.

Date
03/15/18

Approved by / Approuve par
R.J.V.

Date
07/11/18

Checked by/ Verifie par
R.J.V.

Date
07/11/18

Project No./ No. du projet
PRO001504

Asset No.
1202270

Sheet No./
Feuille No.

Drawing Re No./No. du Dessin

E2

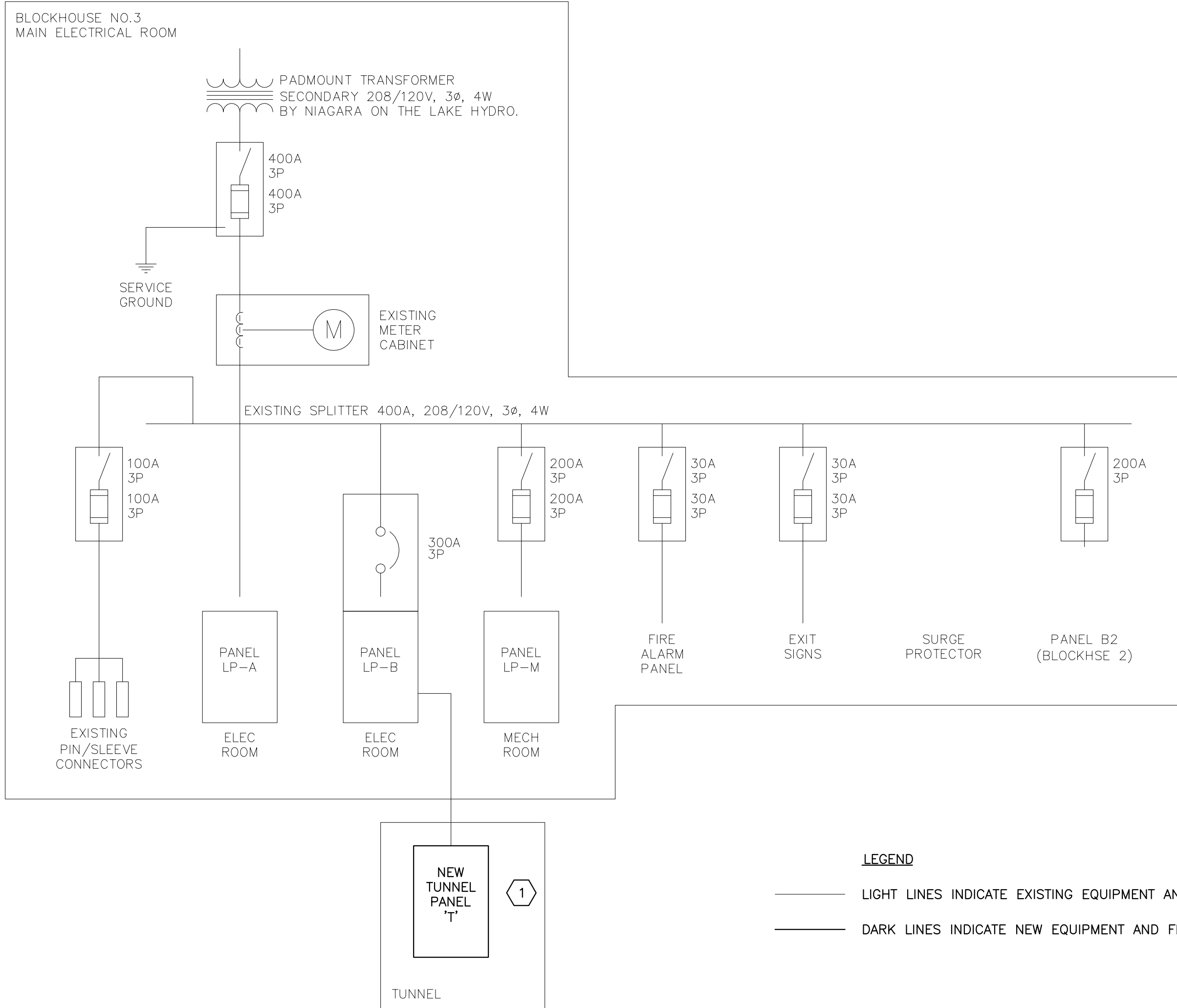
EXISTING LIGHT FIXTURE SCHEDULE			
FIXTURE TYPE	DESCRIPTION	MANUFACTURER	MODEL NO.
W1	EXISTING 18" LONG LED LUMINAIRE SUITABLE FOR WET LOCATIONS, 8W/FT, 400 LUMENS/FOOT, 30 DEGREES BEAM ANGLE, WARM WHITE 3500°K CCT C/W ROTATIONAL ADJUSTABLE BRACKET TYPE VLA-14.	I2 SYSTEMS	V3285-A-8-3-CEC GEN 3 MINIWASHER
F1	EXISTING 9" DIAMETER ARCHITECTURAL LED FLOODLIGHT WHITE COLOUR WIDE FLOOD DISTRIBUTION, 3500K COLOUR TEMPERATURE 4500-5000 LUMENS, NO DIMMING, C/W HALF-LIGHT SHIELD AND YOKE STRAP MOUNTING.	VISTA PROFESSIONAL OUTDOOR LIGHTING	1059-W-WF-35-G-MV-ND-HS

LEGEND OF SYMBOLS	
	S.P.S.T. LOCAL TOGGLE SWITCH
	PANELBOARD - RECESSED OR SURFACE MOUNTED
	DENOTES WEATHERPROOF
	WALL MOUNTED
	EXISTING JUNCTION BOX
	EXISTING LED STRIP DRIVERS IN NEMA3 BOX
	EXISTING OUTDOOR LED STRIP LIGHT FIXTURE
	EXISTING PANEL BOARD
	EXISTING LED OUTDOOR FLOODLIGHT

NEW PANEL 'T'							
120/208V, 1 PHASE, 3 WIRE, 125A BUS, 12 CIRCUIT, BOLT-ON BREAKERS, NEMA 3R, SURFACE MOUNTED							
DESCRIPTION	LOAD	BKR	CCT	CCT	BKR	LOAD	DESCRIPTION
x	x	x	1	2	x	x	x
x	x	x	3	4	x	x	x
TUNNEL LIGHTS	x	*15A	5	6	15A	x	SPARE
TUNNEL LIGHTS	x	*15A	7	8	15A	x	SPARE
POWDER MAGAZINE LTS	x	*20A	9	10	x	x	x
POWDER MAGAZINE LTS	x	*20A	11	12	x	x	x

* INDICATES GFI PROTECTED BREAKER

C/W 100A MAIN BREAKER



1 SINGLE LINE DIAGRAM
E3 SCALE: N.T.S.

- LEGEND
- LIGHT LINES INDICATE EXISTING EQUIPMENT AND FEEDERS
 - DARK LINES INDICATE NEW EQUIPMENT AND FEEDERS

- NOTES
- 1 REMOVE EXISTING LIGHTING PANEL NO.5 IN TUNNEL. RETAIN EXISTING FEEDER FROM PANEL LP-B. CONFIRM FEEDER IS FROM LP-B AND MEGGER FEEDER TO CONFIRM INTEGRITY OF FEEDER. INSTALL NEW PANEL 'T' IN TUNNEL IN APPROXIMATELY THE SAME PLACE AS EXISTING LIGHTING PANEL NO.5.

K
KIRKLAND ENGINEERING LTD.

KEL PROJECT NO. 6215

NORTH	STAMP

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#	DATE DESCRIPTION Drawn Approved Dessine Approuve

REVISIONS			
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Linear dimensions in millimeters
Dimensions lineaires en millimetres



Parcs
Canada

Parks
Canada



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

SINGLE LINE DIAGRAM,
LEGEND, SCHEDULES
AND DETAILS

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par
K.E.R. Date
04/12/18

Field Recording by /
Releve-Temoin par
R.J.V. Date
03/15/18

Approved by / Approuve par
R.J.V. Date
07/11/18

Checked by/ Verifie par
R.J.V. Date
07/11/18

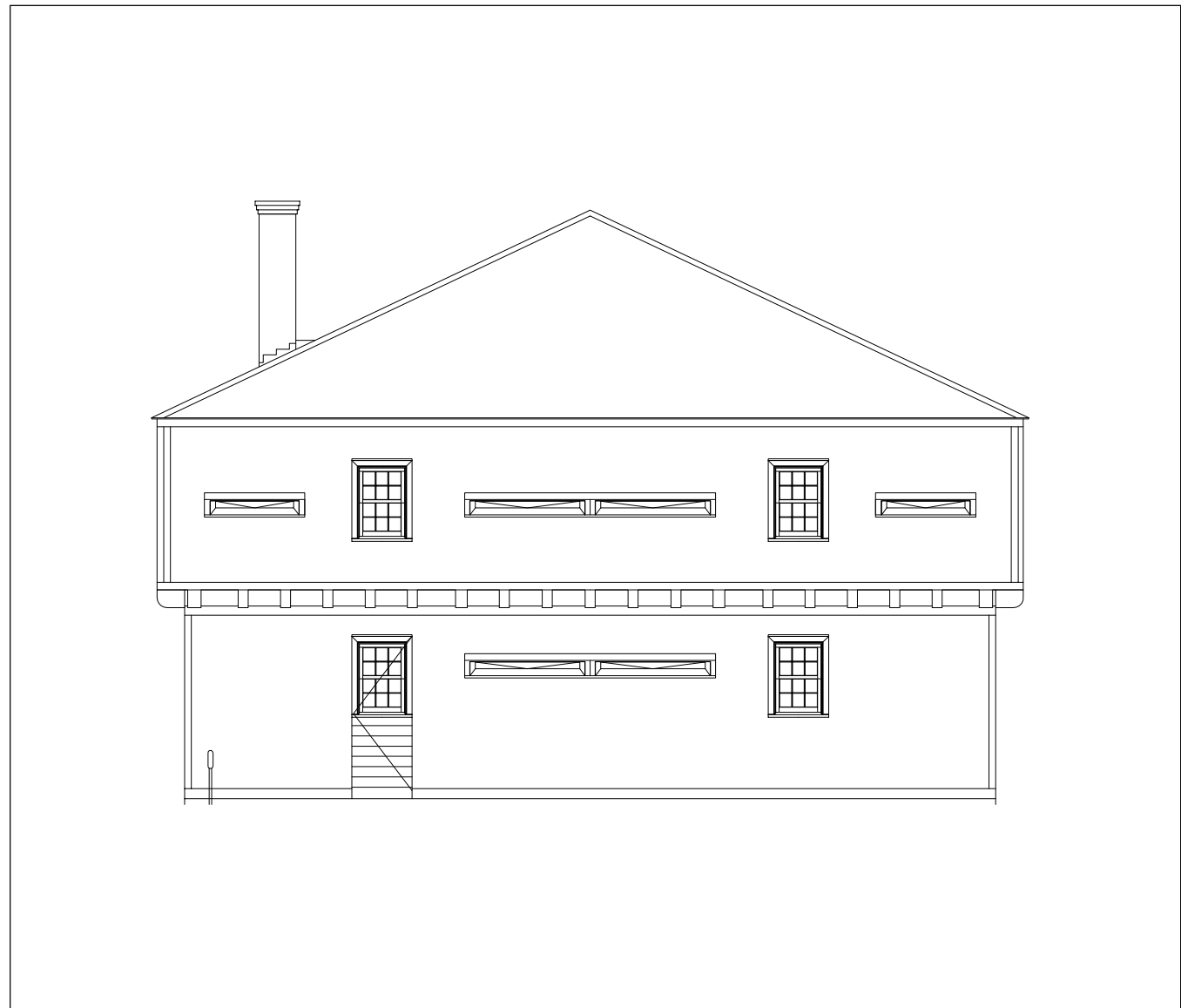
Project No./ No. du projet
PRO001504 Asset No.

Drawing Re No./No. du Dessin

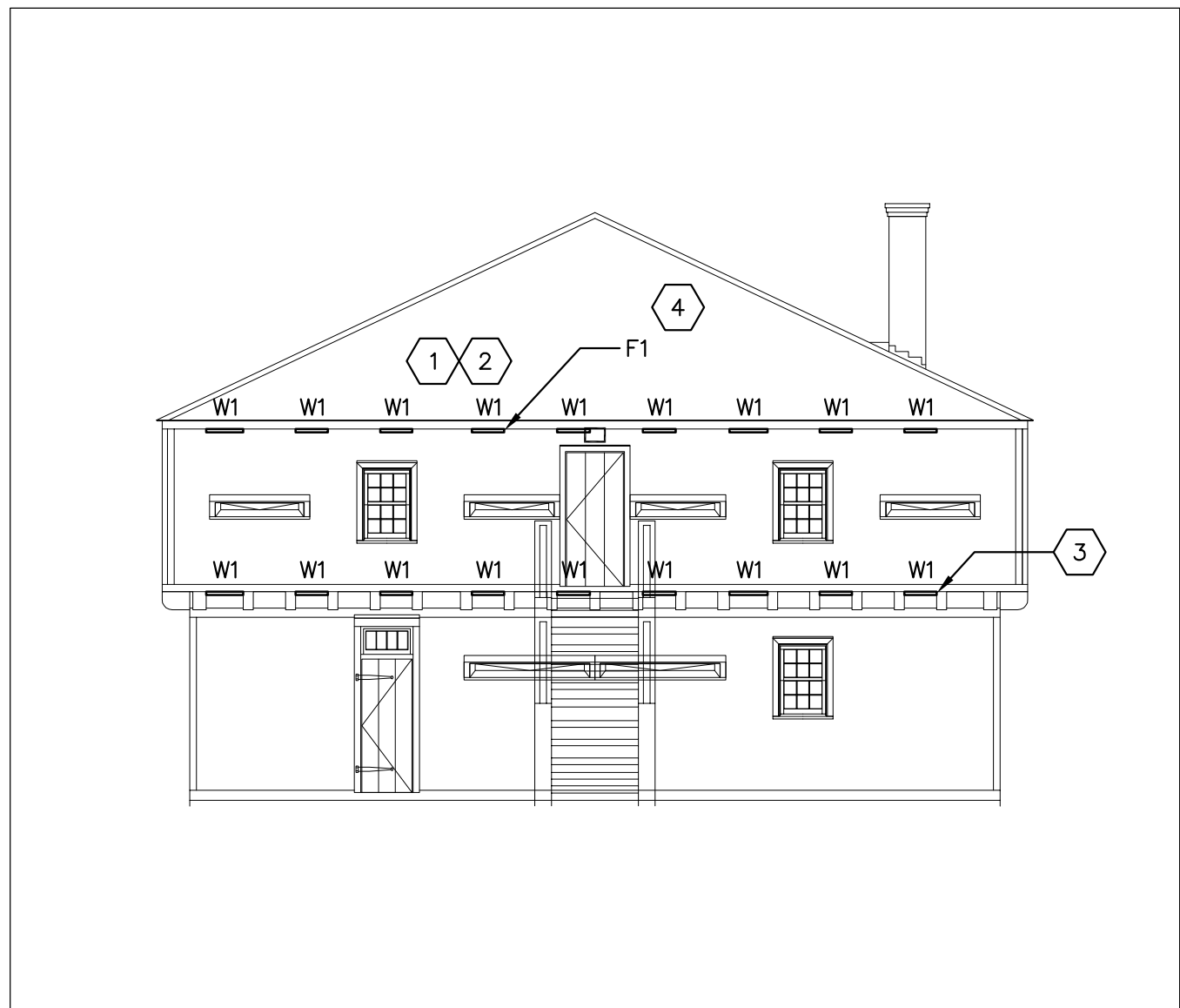
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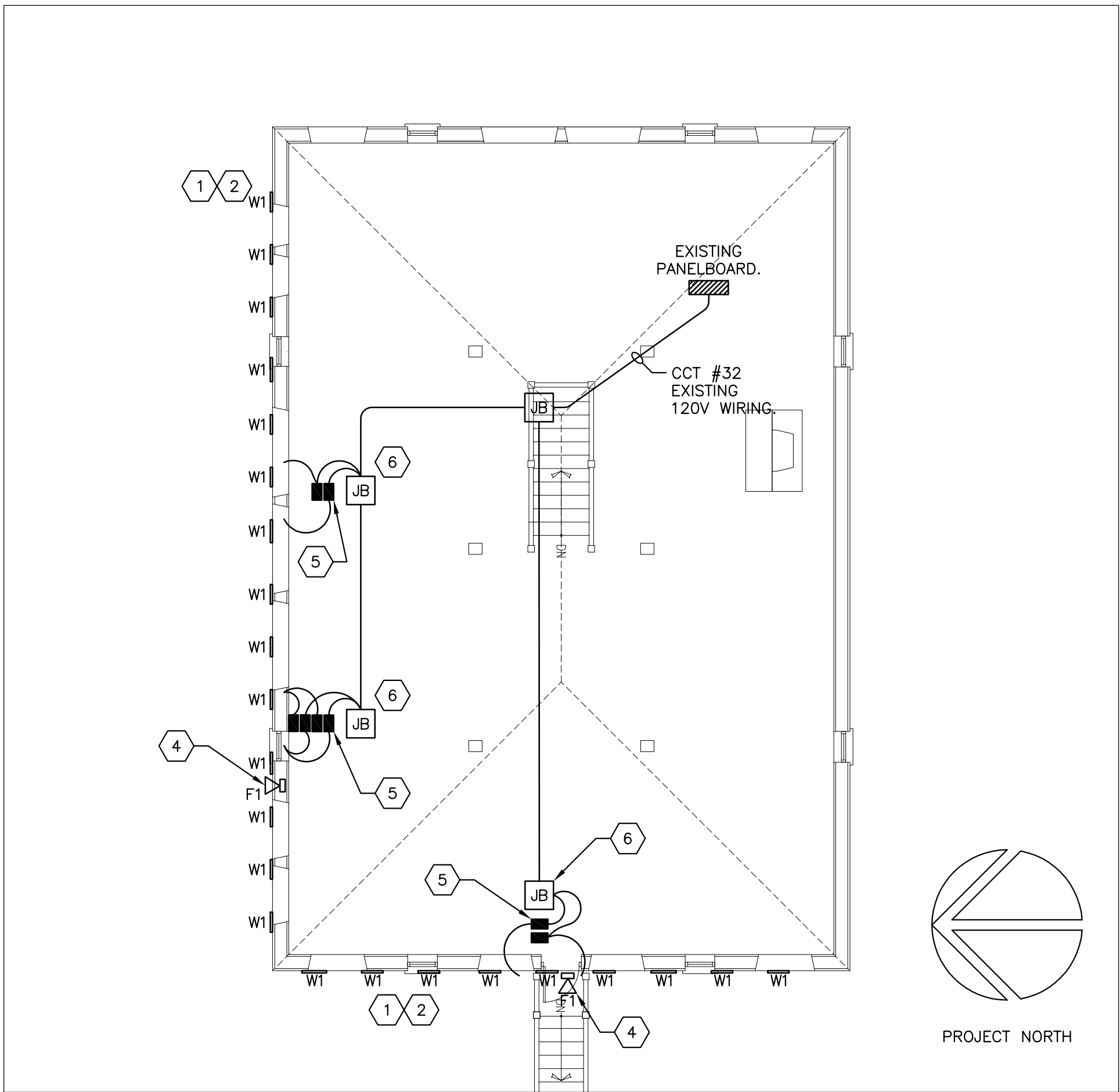
- 1 23 EXISTING LED EXTERIOR STRIP FIXTURES TYPE 'W1' AS SHOWN AT TOP OF NORTH AND WEST WALLS BELOW THE ROOF HAVE BEEN REMOVED BY A PREVIOUS CONTRACTOR TO PERMIT INSTALLATION OF NEW WOOD SIDING. THE REMOVED FIXTURES HAVE BEEN STORED ON SITE AND ARE TO BE REINSTALLED AS PART OF THIS CONTRACT ONCE NEW SIDING IS INSTALLED. AT THE BEGINNING OF THE PROJECT, PRIOR TO REINSTALLING THE LIGHT FIXTURES, COUNT, EXAMINE AND TEST EACH FIXTURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO ENSURE THAT THEY ARE IN OPERATING CONDITION AND SUITABLE FOR REINSTALLATION. PROVIDE DOCUMENTATION TO PARKS CANADA REPRESENTATIVE REGARDING FIXTURE TESTING RESULTS AND COUNT OF FIXTURES. TESTING SHALL BE DONE IN THE PRESENCE OF PARKS CANADA REPRESENTATIVE. INCLUDED IN THE FIXTURE EXAMINATION SHALL BE CAREFUL EXAMINATION OF THE FIXTURE BRACKETS. PROVIDE A UNIT COST FOR NEW FIXTURE AND BRACKET. UNIT PRICING TO BE USED IF ANY NEW FIXTURES ARE REQUIRED.
- 2 REMOVE EXISTING EXTERIOR WIRING FEEDING FIXTURES THAT HAVE BEEN REMOVED TO PERMIT INSTALLATION OF NEW WOOD SIDING. CAREFULLY DOCUMENT EXISTING WIRING CONFIGURATION PRIOR TO REMOVAL OF WIRING SO THAT EXISTING WIRING CONFIGURATION CAN BE REINSTATED ONCE NEW SIDING IS INSTALLED AND FIXTURES ARE REINSTALLED. PROVIDE ALL NEW WIRING TO REINSTALLED LIGHT FIXTURES.
- 3 23 EXISTING LED EXTERIOR STRIP FIXTURES TYPE 'W1' AS SHOWN BELOW THE SECOND FLOOR OVERHANG ON THE NORTH AND WEST WALLS AND ASSOCIATED WIRING ARE TO REMAIN. PROTECT FIXTURES AND WIRING DURING INSTALLATION OF NEW SIDING.
- 4 TWO EXISTING LED FLOOD LIGHT FIXTURES TYPE 'F1' AT TOP OF NORTH AND WEST WALLS (ONE ON NORTH WALL AND ONE ON WEST WALL) HAVE BEEN REMOVED BY A PREVIOUS CONTRACTOR TO PERMIT INSTALLATION OF NEW WOOD SIDING. REMOVED FIXTURES HAVE BEEN STORED ON SITE AND ARE TO BE REINSTALLED AS PART OF THIS CONTRACT ONCE NEW SIDING IS INSTALLED. CAREFULLY PROTECT EXISTING WIRING FOR REUSE. COUNT, EXAMINE AND TEST EXISTING FIXTURES TO ENSURE THEY ARE SUITABLE FOR REINSTALLATION. DOCUMENT THE COUNT, EXAMINATION AND TESTING RESULTS. TEST IN THE PRESENCE OF PARKS CANADA REPRESENTATIVE. PROVIDE UNIT PRICING WITH BID FOR NEW REPLACEMENT FIXTURE. UNIT PRICING TO BE USED IF ANY NEW FIXTURES ARE REQUIRED.
- 5 LOCATION OF EXISTING LED DRIVERS IN ACCESSIBLE ATTIC SPACE. RECONNECT NEW WIRING FOR REINSTALLED EXTERIOR LED STRIP FIXTURES TO EXISTING DRIVERS IN ATTIC SPACE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
- 6 LOCATION OF EXISTING 120V JUNCTION BOXES.



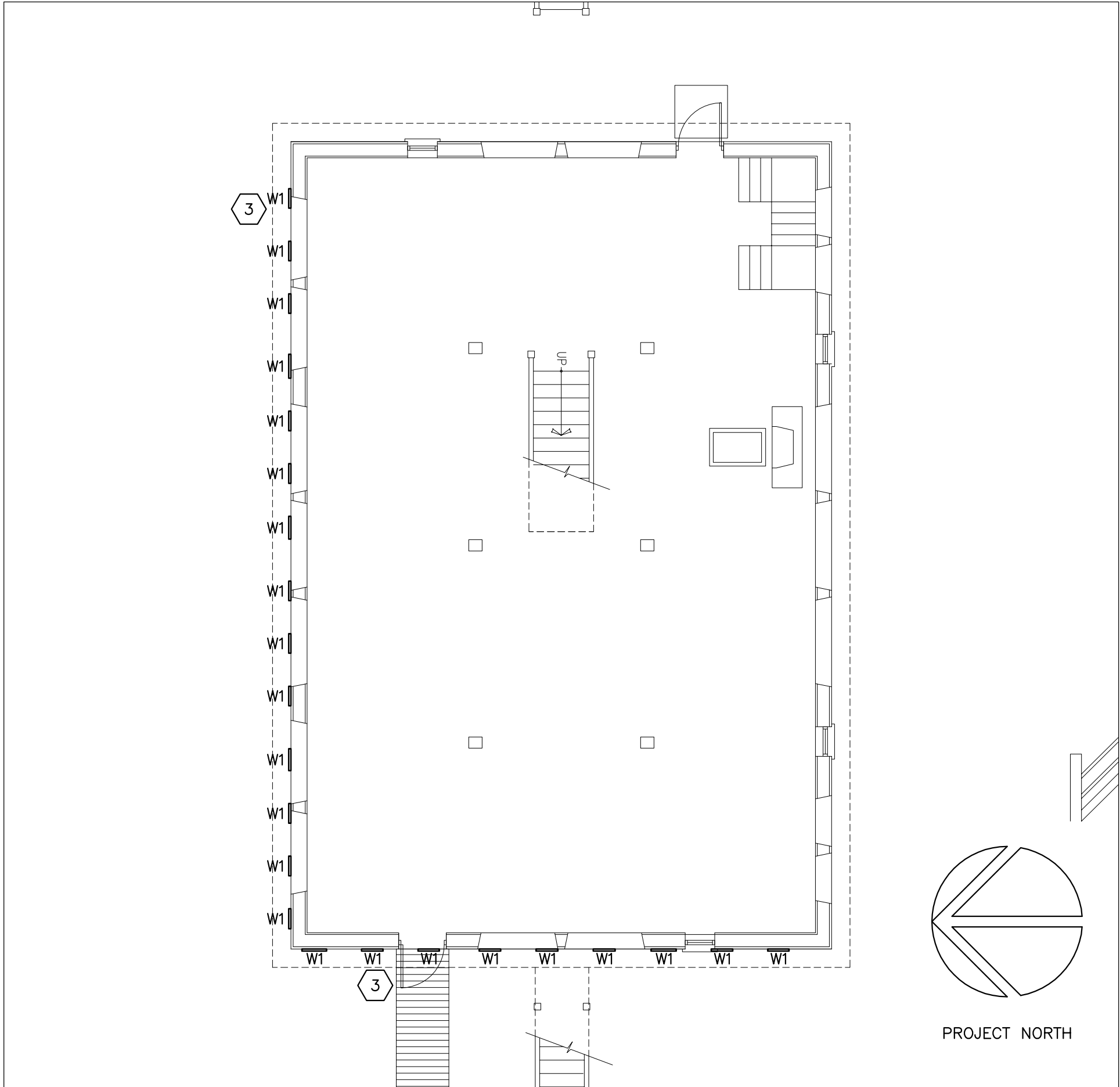
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E4 SCALE 1:100



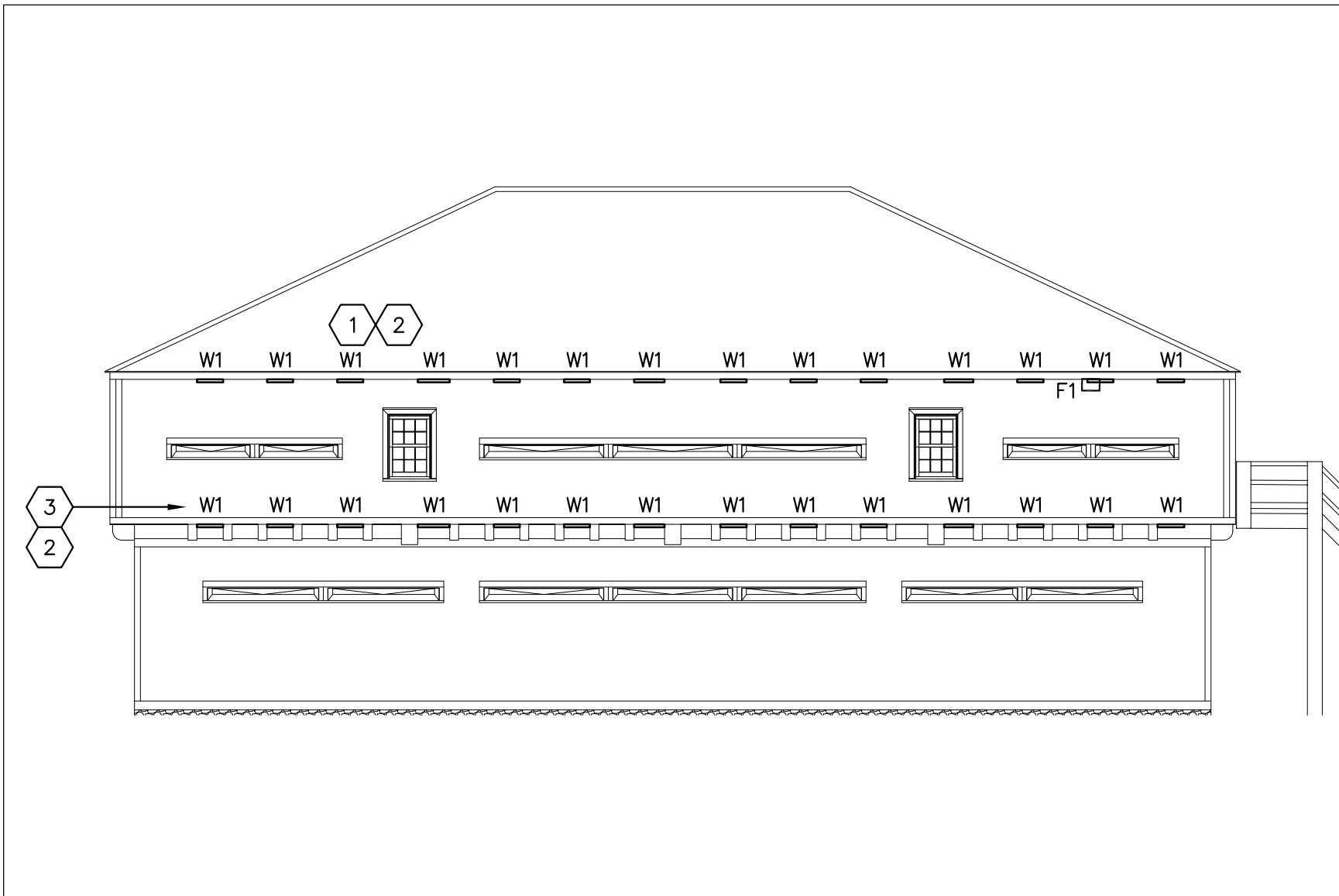
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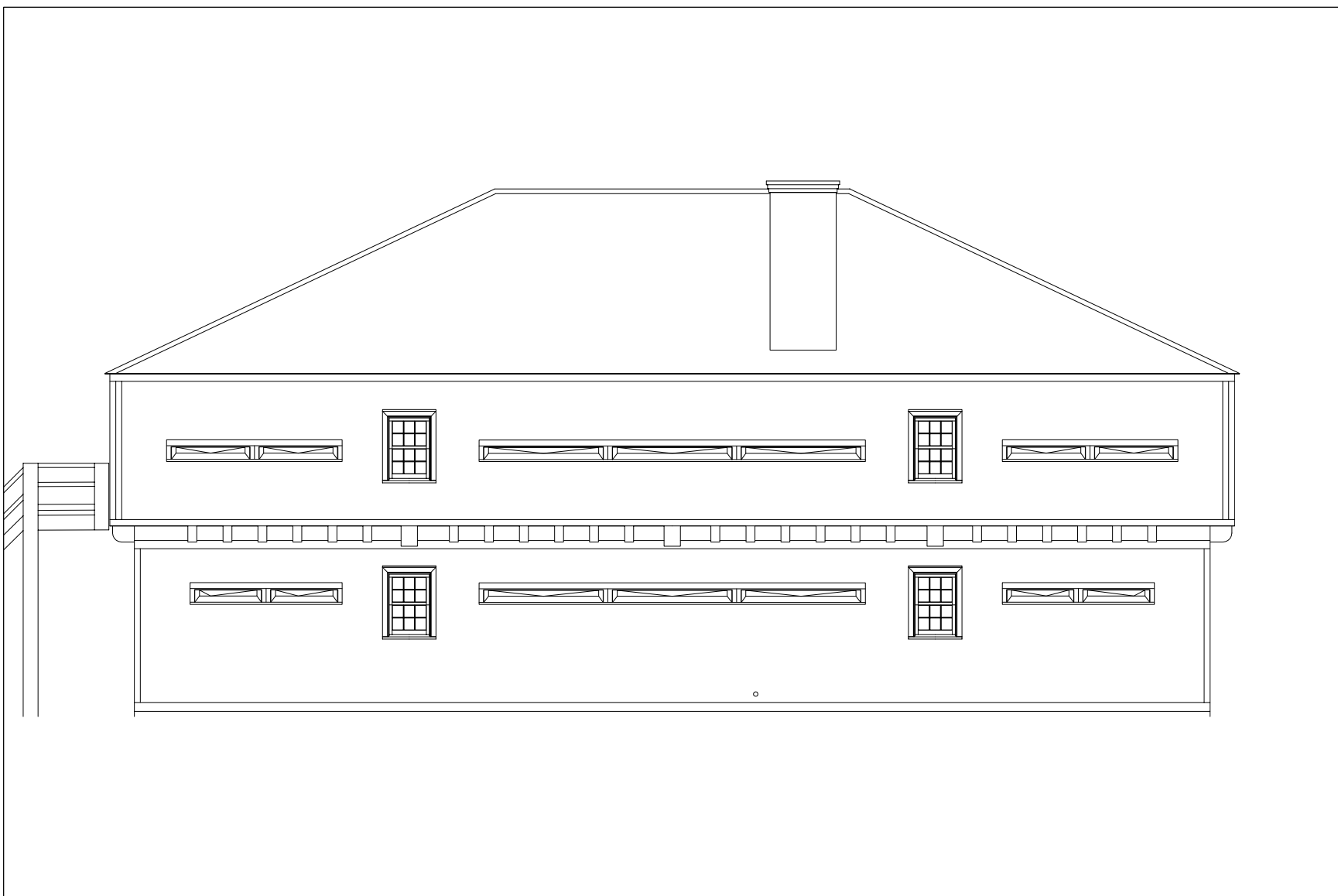
3 SECOND FLOOR PLAN
E4 SCALE 1:100



4 GROUND FLOOR PLAN
E4 SCALE 1:100



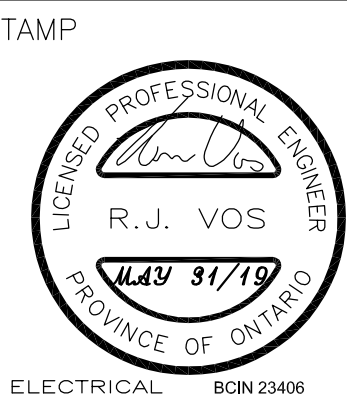
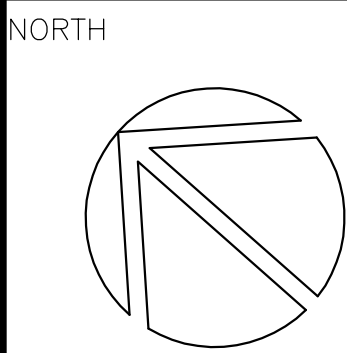
5 NORTH ELEVATION
E4 SCALE 1:100



6 SOUTH ELEVATION
E4 SCALE 1:100

K
KIRKLAND ENGINEERING LTD.

KEL PROJECT NO. 6215



DRAWING NO.	DRAWING NAME

REFERENCE DRAWINGS				
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1	JUN./26/18	ISSUED FOR 100% REVIEW	K.E.R.	R.J.V.
0	MAY/18/18	ISSUED FOR 90% REVIEW	K.E.R.	R.J.V.
#	DATE	DESCRIPTION	Drawn	Approved
			Dessine	Approuve

REVISIONS			
A	A Detail number	A	Numero de detail
B	B Sheet number	B	Sur feuille numero

Linear dimensions in millimeters Dimensions lineaires en millimetres



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

**FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT**

Drawing title / Titre du dessin

**BLOCKHOUSE NO.1
PLANS AND ELEVATIONS**

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par
K.E.R.

Date
04/12/18

Field Recording by /
Releve-Temoin par
R.J.V.

Date
03/15/18

Approved by / Approuve par
R.J.V.

Date
07/11/18

Checked by/ Verifie par
R.J.V.

Date
07/11/18

Project No./ No. du projet
PRO001504

Asset No.
1202266

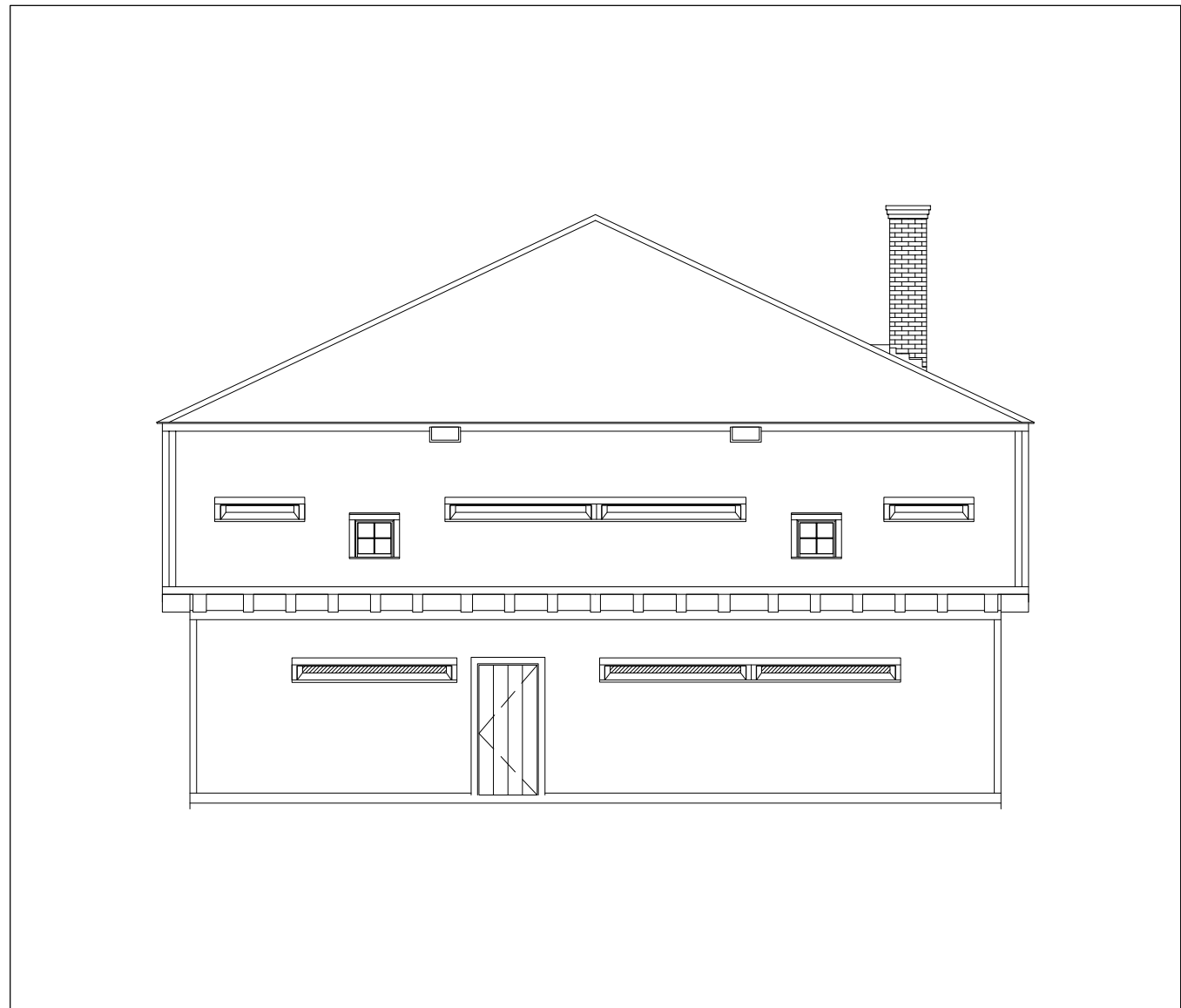
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Feuille No.

Drawing Re No./No. du Dessin

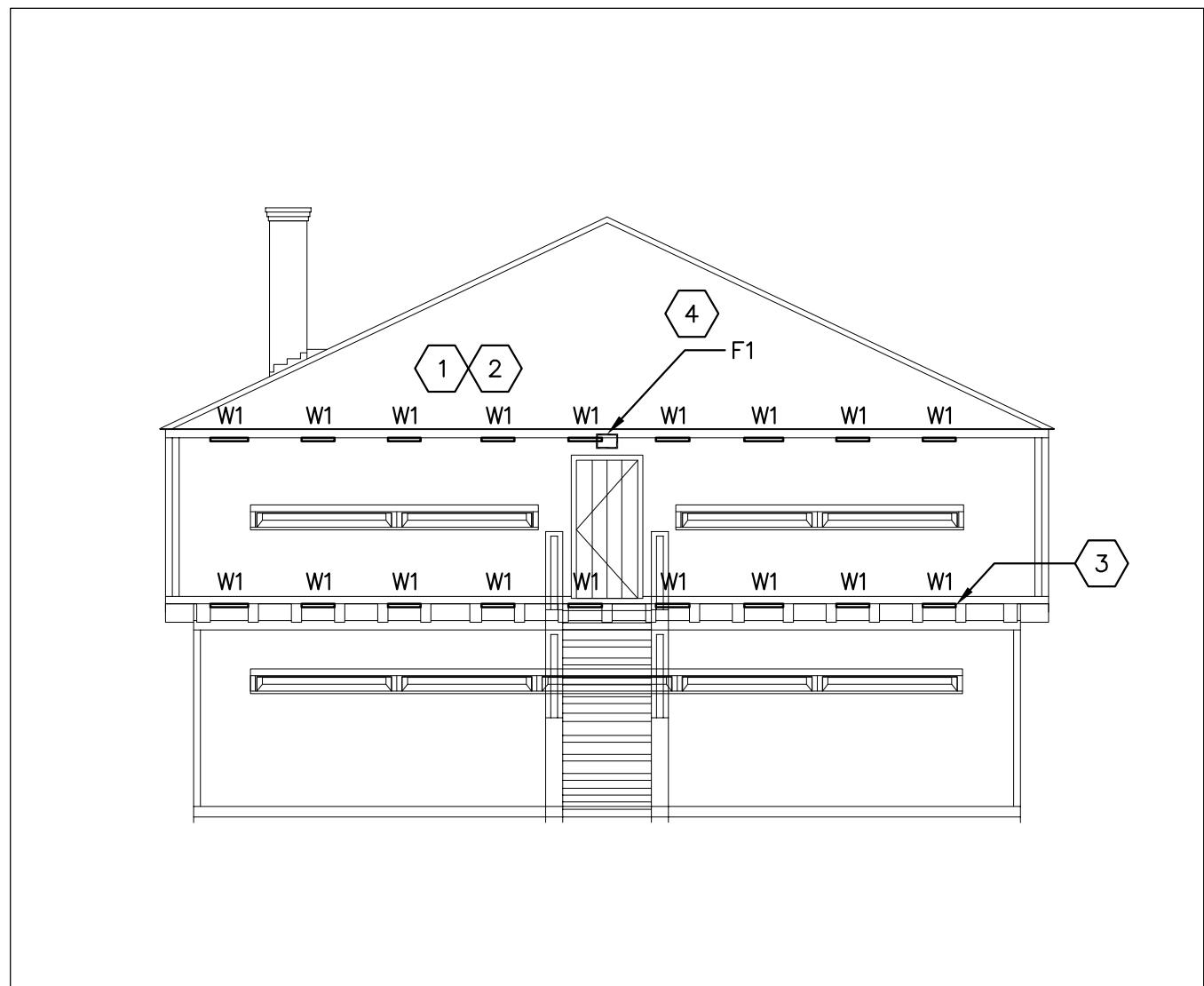
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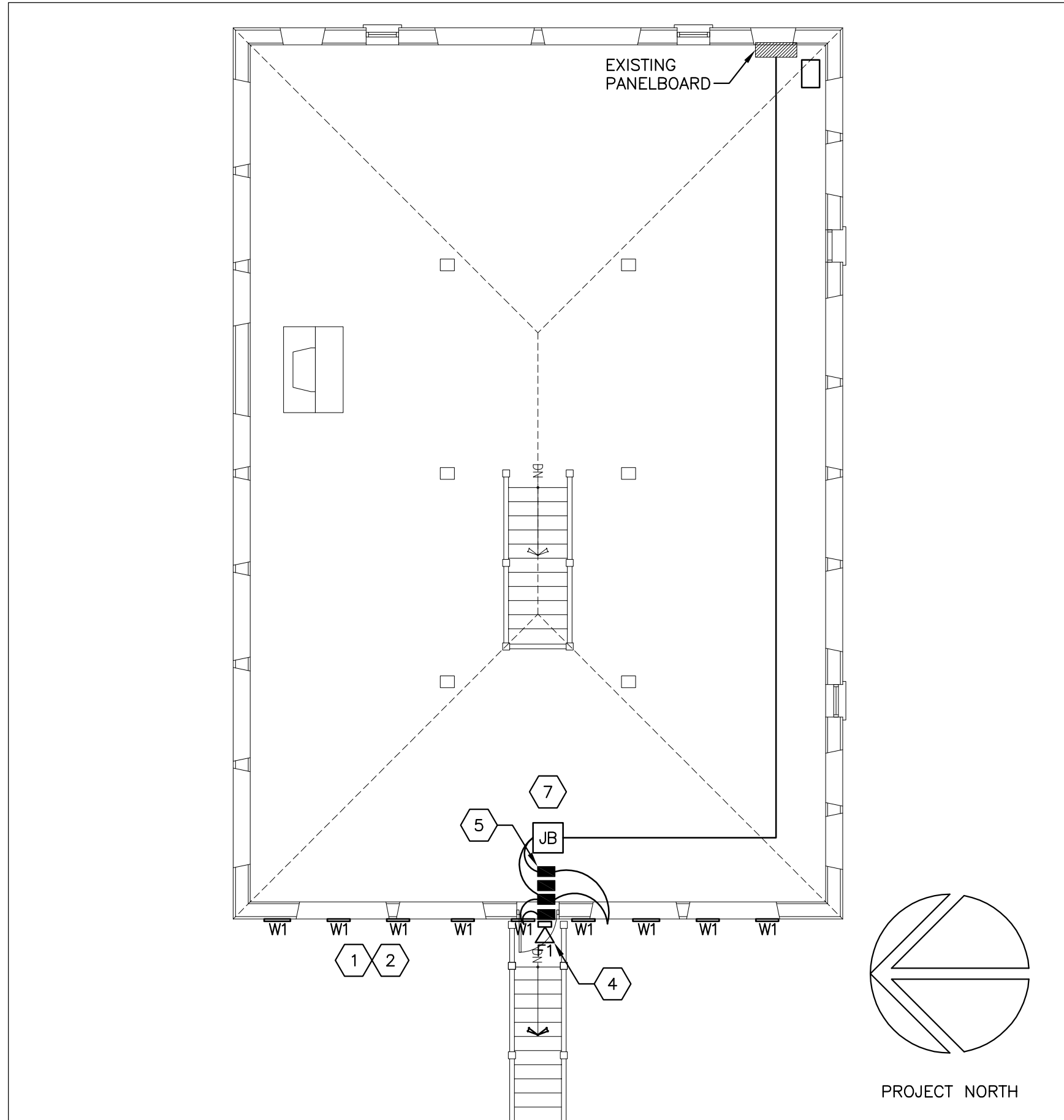
- 1 9 EXISTING LED EXTERIOR STRIP FIXTURES TYPE 'W1' AS SHOWN AT TOP OF WEST WALL BELOW THE ROOF HAVE BEEN REMOVED BY A PREVIOUS CONTRACTOR TO PERMIT INSTALLATION OF NEW WOOD SIDING. THE REMOVED FIXTURES HAVE BEEN STORED ON SITE AND ARE TO BE REINSTALLED AS PART OF THIS CONTRACT ONCE NEW SIDING IS INSTALLED. AT THE VERY BEGINNING OF THE PROJECT, PRIOR TO THE REINSTALLING THE LIGHT FIXTURES, COUNT FIXTURES, EXAMINE AND TEST EACH FIXTURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO ENSURE THAT THEY ARE IN OPERATING CONDITION AND SUITABLE FOR REINSTALLATION. PROVIDE DOCUMENTATION TO PARKS CANADA REPRESENTATIVE REGARDING FIXTURE TESTING RESULTS. TESTING SHALL BE DONE IN THE PRESENCE OF PARKS CANADA REPRESENTATIVE. INCLUDED IN THE FIXTURE EXAMINATION SHALL BE A CAREFUL INSPECTION OF THE FIXTURE BRACKETS. PROVIDE A UNIT COST FOR NEW FIXTURE AND BRACKET. UNIT PRICING TO BE USED IF ANY NEW FIXTURES ARE REQUIRED.
- 2 REMOVE EXISTING EXTERIOR WIRING FEEDING FIXTURES THAT HAVE BEEN REMOVED TO PERMIT INSTALLATION OF NEW WOOD SIDING. CAREFULLY DOCUMENT EXISTING WIRING CONFIGURATION AND TYPE PRIOR TO REMOVAL OF WIRING SO THAT EXISTING WIRING CONFIGURATION CAN BE REINSTATED ONCE NEW SIDING IS INSTALLED AND LIGHT FIXTURES ARE REINSTALLED. PROVIDE ALL NEW WIRING TO REINSTALLED LIGHT FIXTURES.
- 3 9 EXISTING LED EXTERIOR STRIP FIXTURES TYPE 'W1' BELOW THE SECOND FLOOR OVERHANG ON THE WEST WALL AND ASSOCIATED WIRING ARE TO REMAIN. PROTECT FIXTURES DURING INSTALLATION OF NEW SIDING.
- 4 ONE EXISTING LED FLOOD LIGHT FIXTURE TYPE 'F1' AT TOP OF WEST WALL HAS BEEN REMOVED BY A PREVIOUS CONTRACTOR TO PERMIT INSTALLATION OF NEW WOOD SIDING. REMOVED FIXTURE HAS BEEN STORED ON SITE AND IS TO BE REINSTALLED AS PART OF THIS CONTRACT ONCE NEW SIDING IS INSTALLED. PROVIDE ALL NEW WIRING FOR REINSTALLED LIGHT FIXTURE EXAMINE AND TEST FIXTURES PRIOR TO REINSTALLATION TO ENSURE THEY ARE IN OPERATING CONDITION AND SUITABLE FOR REINSTALLATION. DOCUMENT THE COUNT, EXAMINATION AND TESTING RESULTS. TESTING SHALL BE DONE IN THE PRESENCE OF A PARKS CANADA REPRESENTATIVE. PROVIDE UNIT PRICING WITH BID FOR NEW REPLACEMENT FIXTURE. UNIT PRICING WILL BE USED IF ANY NEW REPLACEMENT FIXTURES ARE REQUIRED.
- 5 LOCATION OF EXISTING LED DRIVERS IN ACCESSIBLE ATTIC SPACE. RECONNECT NEW WIRING FOR REINSTALLED EXTERIOR LED STRIP FIXTURES TO EXISTING DRIVERS IN ATTIC SPACE. IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS IN ACCORDANCE WITH THE I2 SYSTEMS INSTALLATION MANUAL.
- 6 SEE ELECTRICAL ROOM ENLARGEMENT DETAILS ON THIS SHEET.
- 7 LOCATION OF EXISTING 120V JUNCTION BOXES.



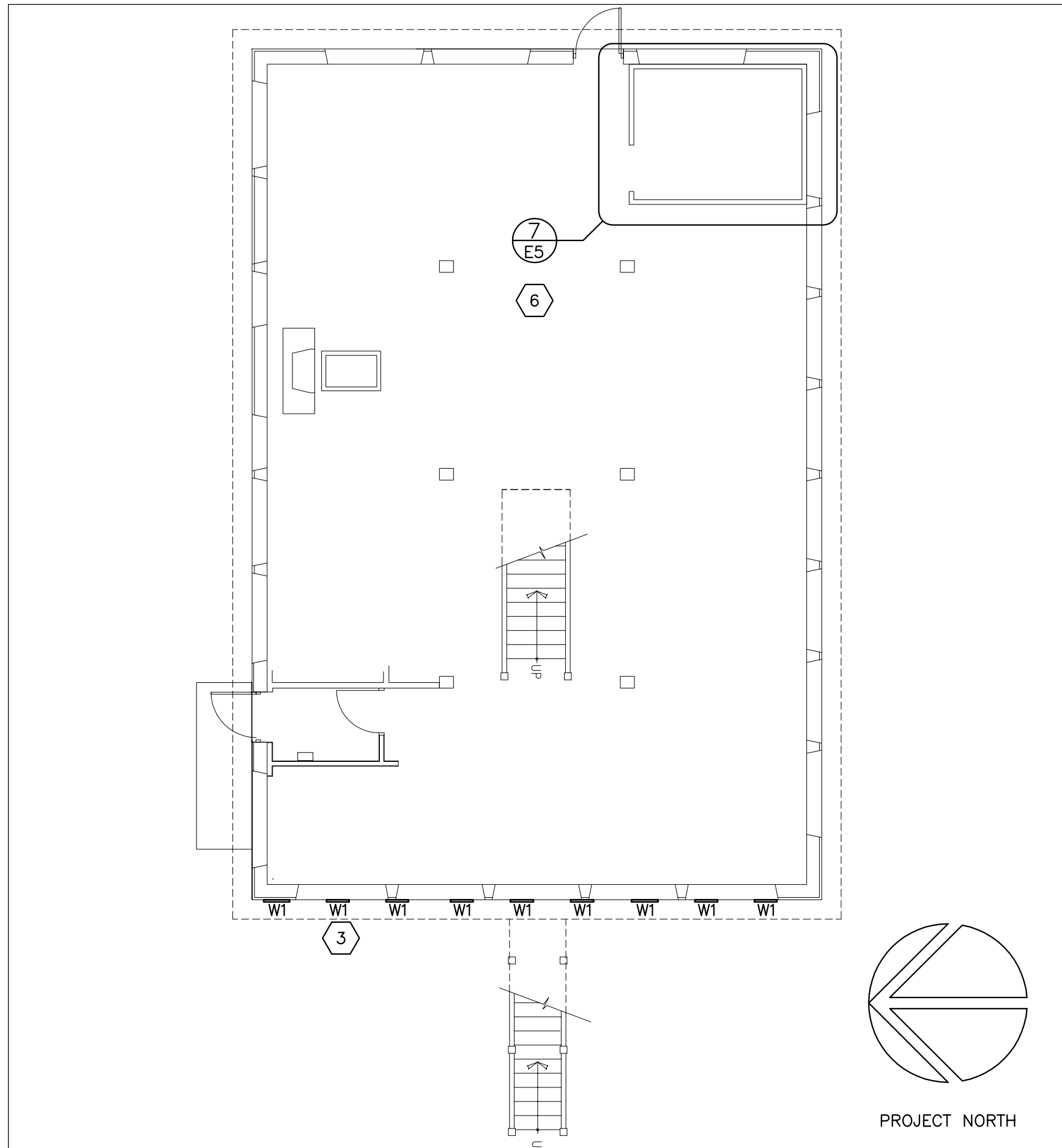
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E5 SCALE
1:100



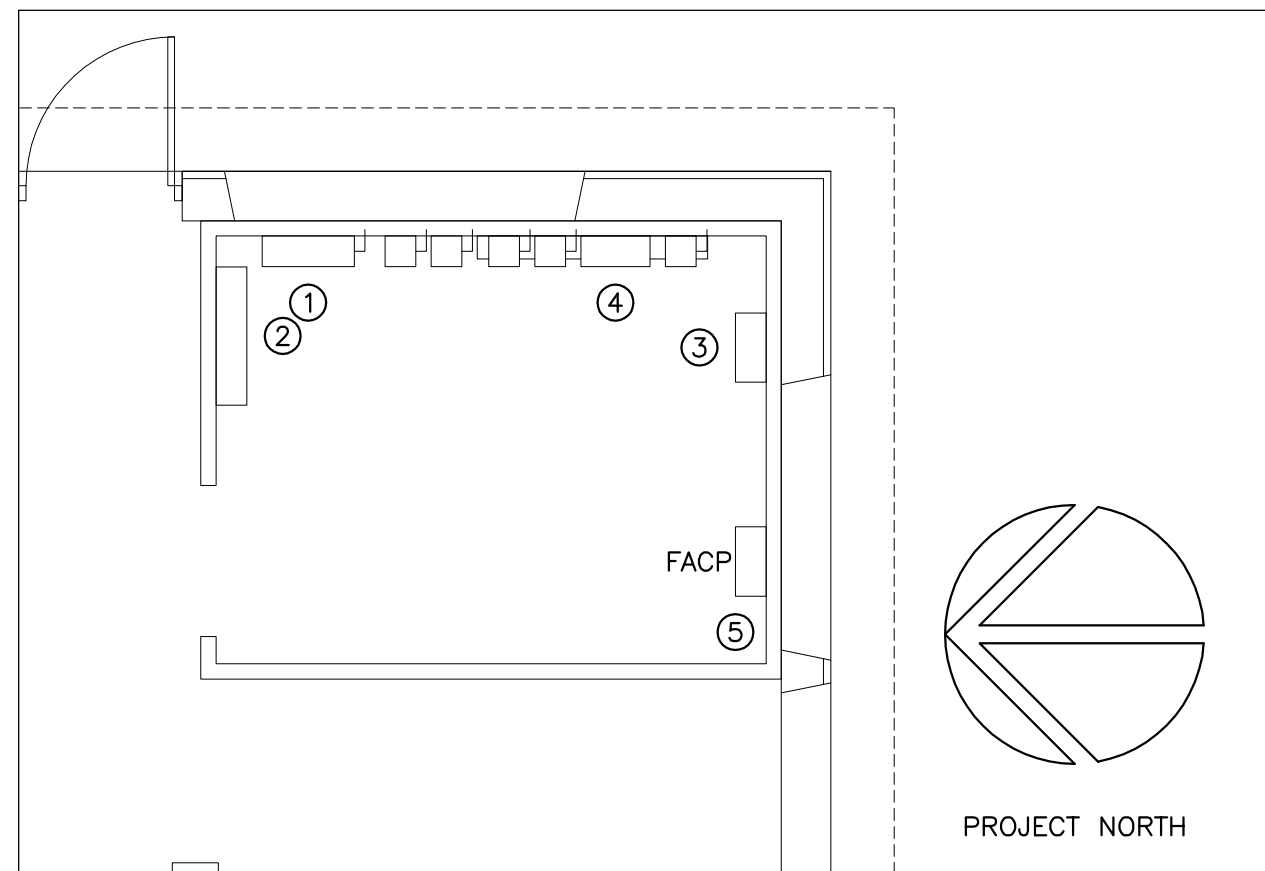
2 WEST ELEVATION
E5 SCALE
1:100



3 SECOND FLOOR PLAN
E5 SCALE
1:100

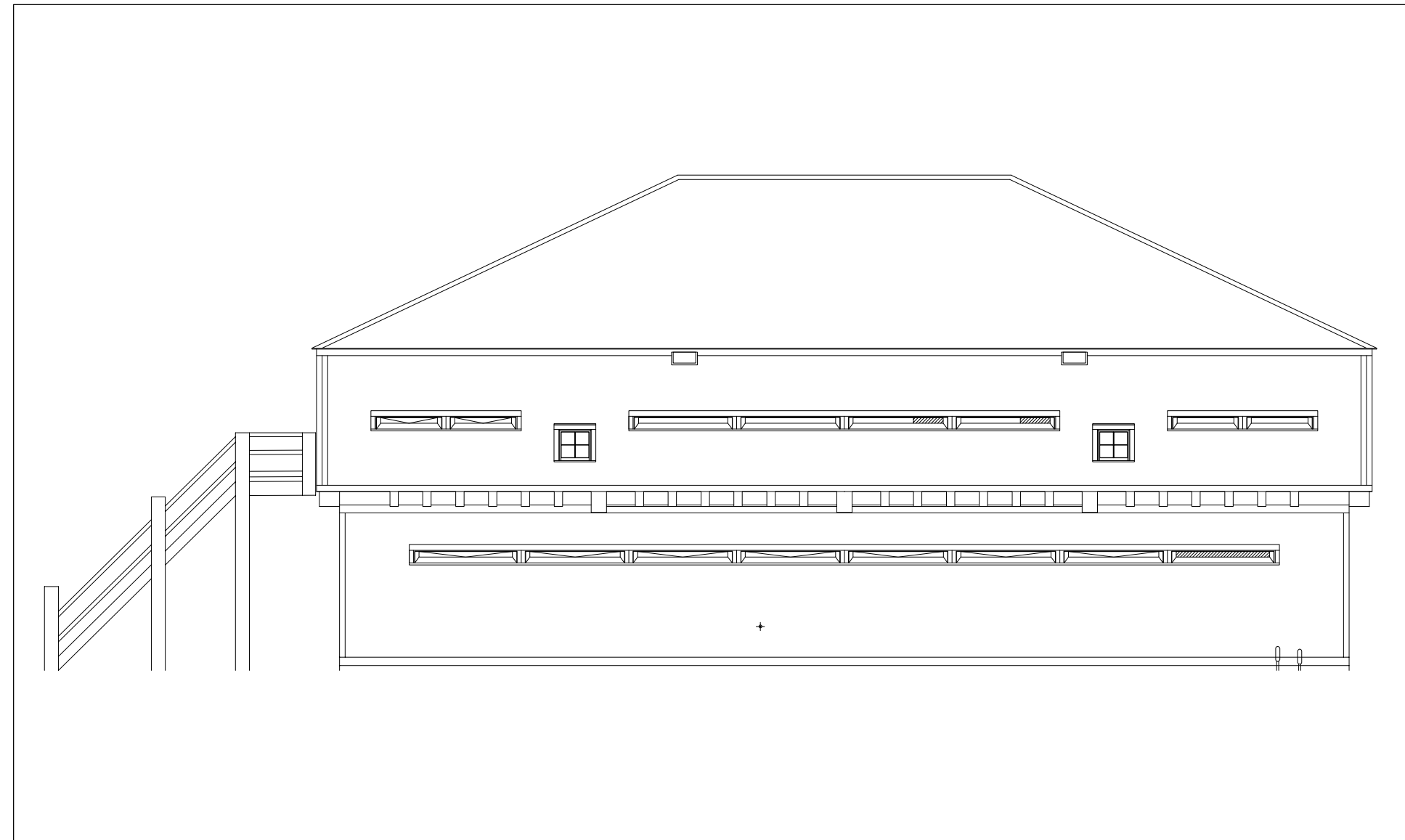


4 GROUND FLOOR PLAN
E5 SCALE
1:100

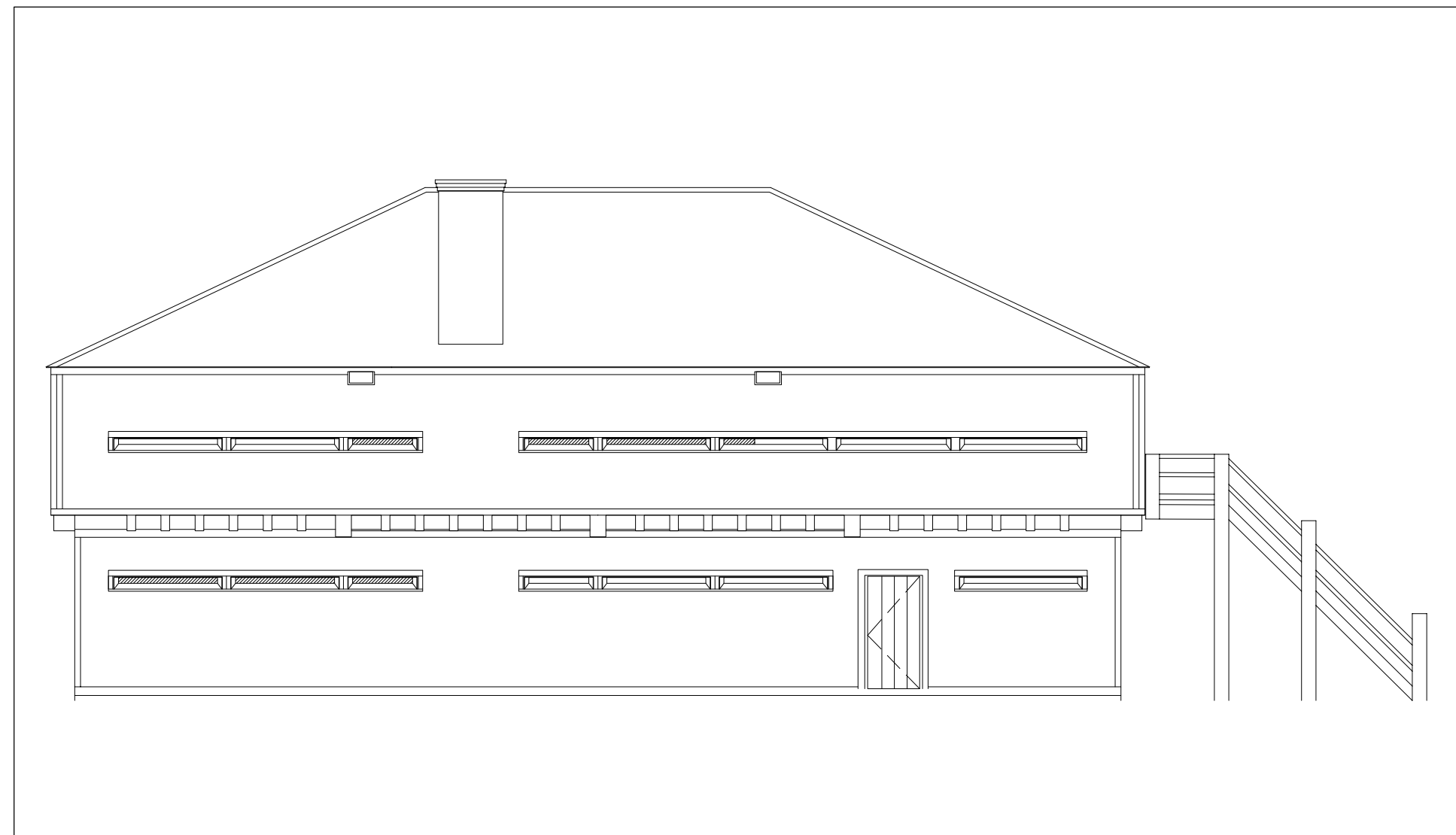


- ELECTRICAL ROOM EQUIPMENT LIST
- 1 EXISTING MAIN SWITCH
 - 2 EXISTING METER CABINET
 - 3 EXISTING PANEL 'LP-B'
 - 4 EXISTING PANEL 'LP-A'
 - 5 EXISTING FIRE ALARM PANEL

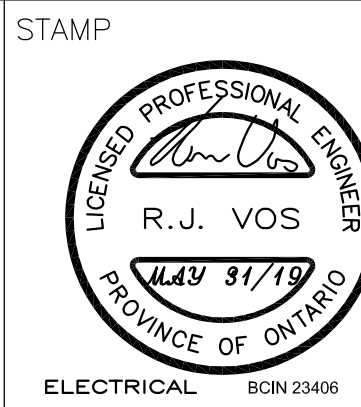
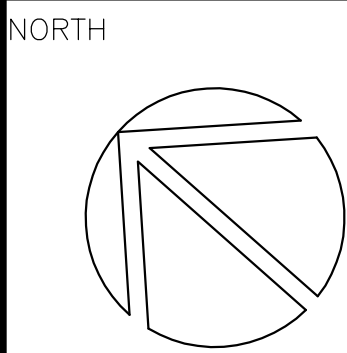
7 ELECTRICAL ROOM ENLARGEMENT
E5 SCALE
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5 NORTH ELEVATION
E5 SCALE
1:100



6 SOUTH ELEVATION
E6 SCALE
1:100



DRAWING NO.	DRAWING NAME
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REVISIONS

A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters Dimensions lineaires en millimetres



Canada

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

**FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT**

Drawing title / Titre du dessin

**BLOCKHOUSE NO.3
PLANS AND ELEVATIONS**

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par Date
K.E.R. 04/12/18

Field Recording by /
Releve-Temoin par Date
R.J.V. 03/15/18

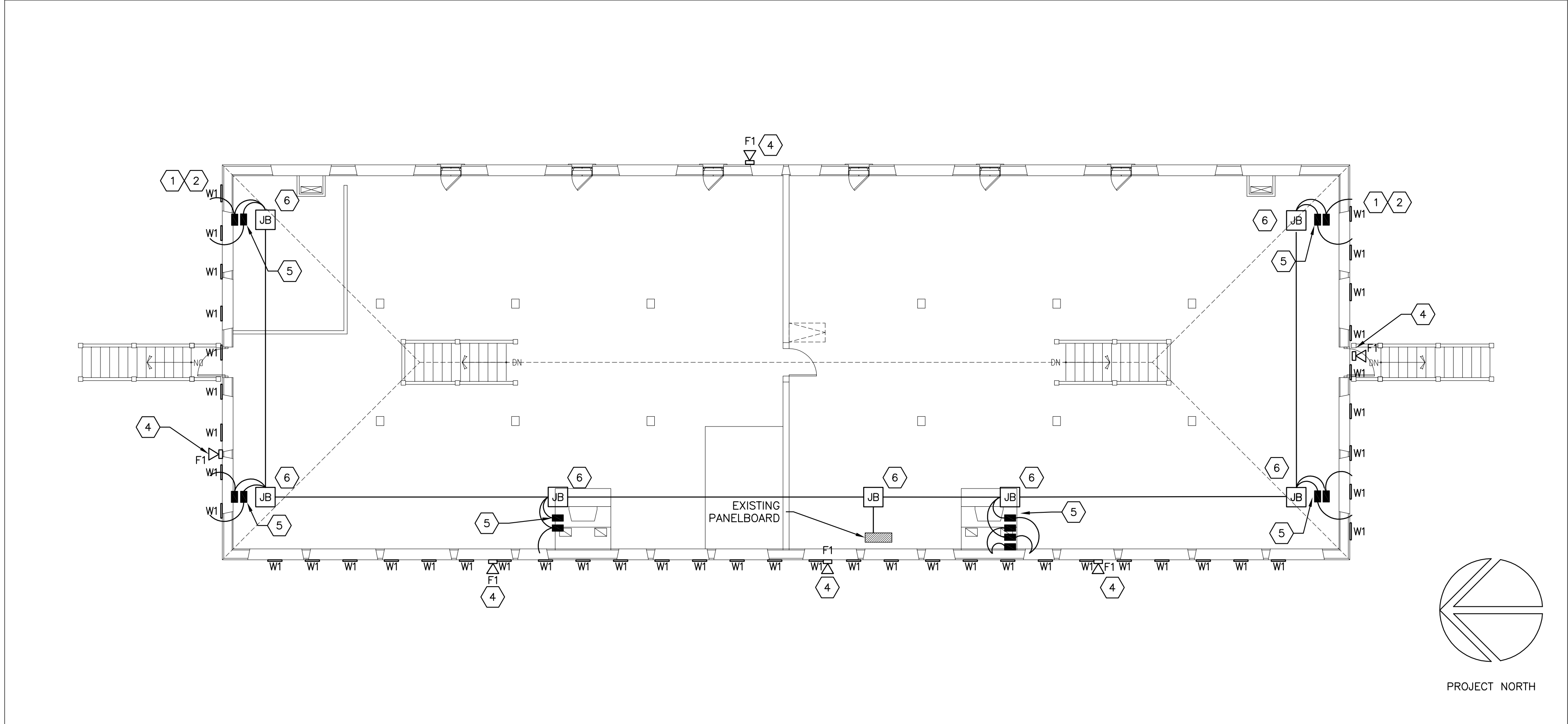
Approved by / Approuve par Date
R.J.V. 07/11/18

Checked by/ Verifie par Date
R.J.V. 07/11/18

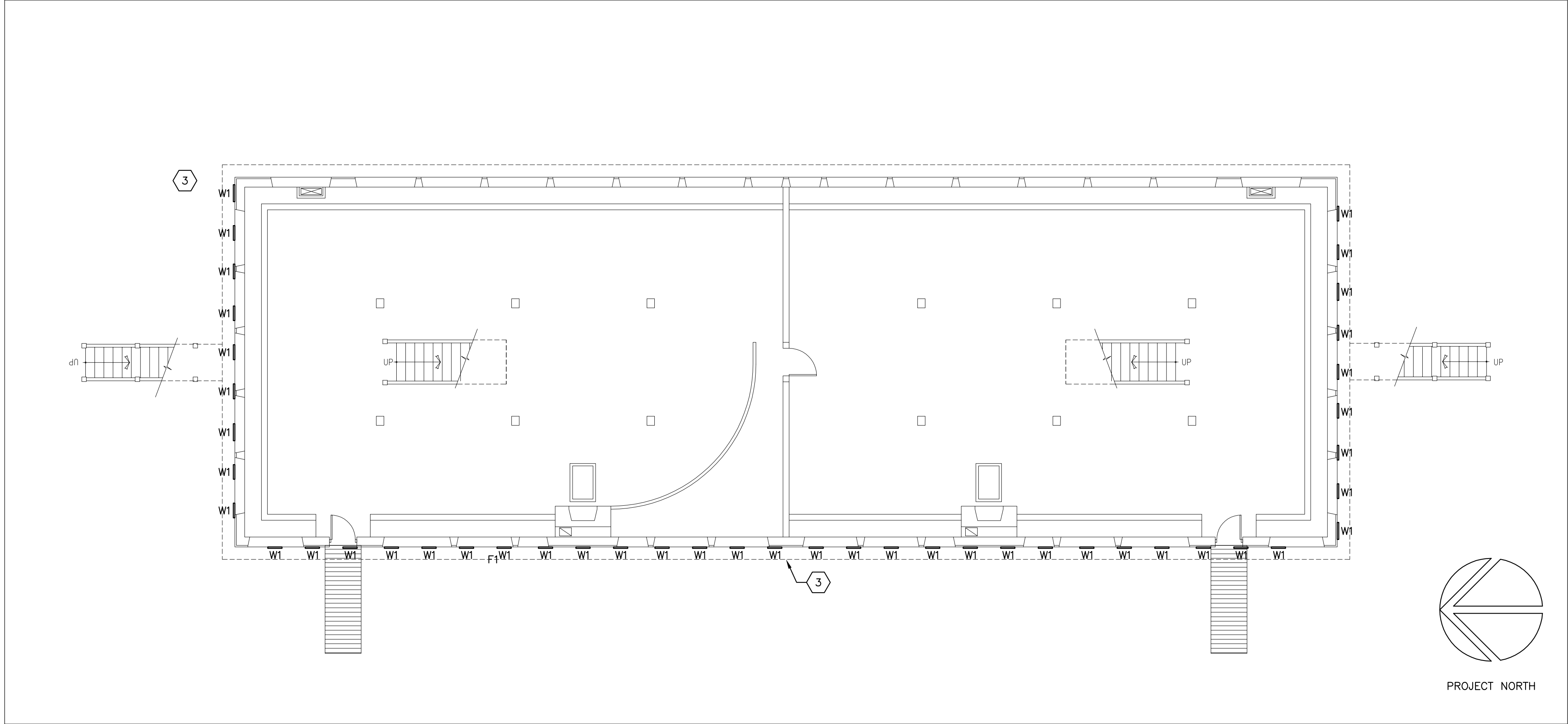
Project No./ No. du projet Asset No. Sheet No./
PRO001504 1201179 Feuille No.

Drawing Re No./No. du Dessin

E5



1 BLOCKHOUSE NO.2 SECOND FLOOR PLAN
E6 SCALE 1:100



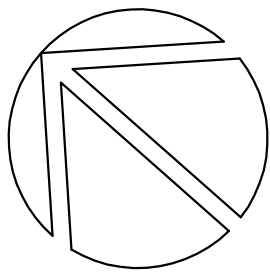
2 BLOCKHOUSE NO.2 FIRST FLOOR PLAN
E6 SCALE 1:100

NOTES

- 48 EXISTING LED EXTERIOR STRIP FIXTURES TYPE 'W1' AS SHOWN AT TOP OF NORTH, SOUTH AND WEST WALLS BELOW THE ROOF HAVE BEEN REMOVED BY A PREVIOUS CONTRACTOR TO PERMIT INSTALLATION OF NEW WOOD SIDING. THE REMOVED FIXTURES HAVE BEEN STORED ON SITE AND ARE TO BE REINSTALLED AS PART OF THIS CONTRACT ONCE NEW SIDING IS INSTALLED. AT THE VERY BEGINNING OF THE PROJECT, PRIOR TO REINSTALLING THE LIGHT FIXTURES, EXAMINE AND TEST EACH FIXTURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO ENSURE THAT THEY ARE IN OPERATING CONDITION AND SUITABLE FOR REINSTALLATION. PROVIDE DOCUMENTATION TO PARKS CANADA REPRESENTATIVE REGARDING FIXTURE TESTING RESULTS. TESTING SHALL BE DONE IN THE PRESENCE OF PARKS CANADA REPRESENTATIVE. INCLUDED IN THE FIXTURE EXAMINATION SHALL BE A CAREFUL INSPECTION OF THE FIXTURE BRACKETS. THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE A UNIT COST TO PROVIDE NEW FIXTURES AND BRACKETS. THIS UNIT COST WILL BE USED IF ANY NEW FIXTURES ARE REQUIRED.
- REMOVE EXISTING EXTERIOR WIRING FEEDING FIXTURES THAT HAVE BEEN REMOVED TO PERMIT INSTALLATION OF NEW WOOD SIDING. CAREFULLY DOCUMENT EXISTING WIRING CONFIGURATION AND TYPE PRIOR REMOVAL TO SO THAT EXISTING WIRING CONFIGURATION CAN BE REINSTALLED ONCE NEW SIDING IS INSTALLED. PROVIDE ALL NEW WIRING TO REINSTALLED LIGHT FIXTURES IN ACCORDANCE WITH I2 SYSTEMS INSTALLATION GUIDE.
- 48 EXISTING LED EXTERIOR STRIP FIXTURES TYPE 'W1' AS SHOWN BELOW THE SECOND FLOOR OVERHANG ON THE NORTH, SOUTH AND WEST WALLS AND ASSOCIATED WIRING TO REMAIN. PROTECT FIXTURES DURING INSTALLATION OF NEW SIDING.
- FIVE EXISTING LED FLOOD LIGHT FIXTURES TYPE 'F1' AS SHOWN AT TOP OF WALL (THERE ARE THREE ON THE WEST WALL AND ONE EACH ON THE NORTH AND SOUTH WALLS) HAVE BEEN REMOVED BY A PREVIOUS CONTRACTOR TO PERMIT INSTALLATION OF NEW WOOD SIDING. REMOVED FIXTURES HAVE BEEN STORED ON SITE AND ARE TO BE REINSTALLED AS PART OF THIS CONTRACT ONCE NEW SIDING IS INSTALLED. PROVIDE ALL NEW WIRING FOR REINSTALLED LIGHT FIXTURES. EXAMINE AND TEST FIXTURES AT BEGINNING OF PROJECT TO CONFIRM THEY ARE SUITABLE FOR REINSTALLATION. TEST IN PRESENCE OF PARKS CANADA REPRESENTATIVE AND DOCUMENT TEST RESULTS. PROVIDE A UNIT PRICE WITH BID FOR NEW FIXTURE REPLACEMENT. THIS PRICE WILL BE USED IF NEW FIXTURES ARE REQUIRED.
- LOCATION OF EXISTING LED DRIVERS IN ACCESSIBLE ATTIC SPACE. RECONNECT NEW WIRING FOR REINSTALLED EXTERIOR LED STRIP FIXTURES TO EXISTING DRIVERS IN ATTIC SPACE.
- LOCATION OF EXISTING 120V JUNCTION BOXES.

KEL PROJECT NO. 6215

NORTH



STAMP

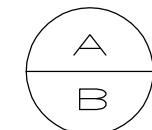


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REVISIONS



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Parcs Canada

Parks Canada



Canadä

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

BLOCKHOUSE NO.2
PLANS

Plot Scale / Echelle

AS NOTED

Drawn by/ Dessine par
K.E.R.

Date
04/12/18

Field Recording by /
Releve-Temoin par
R.J.V.

Date
03/15/18

Approved by / Approuve par
R.J.V.

Date
07/11/18

Checked by/ Verifie par
R.J.V.

Date
07/11/18

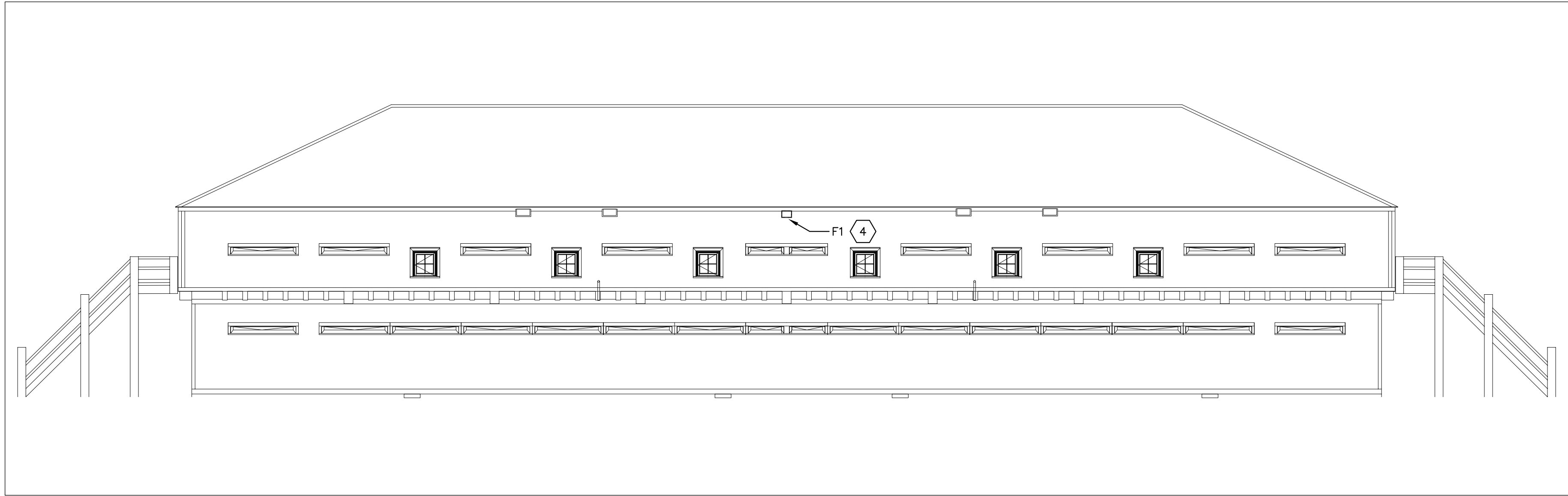
Project No./ No. du projet
PRO001504

Asset No.
1202267

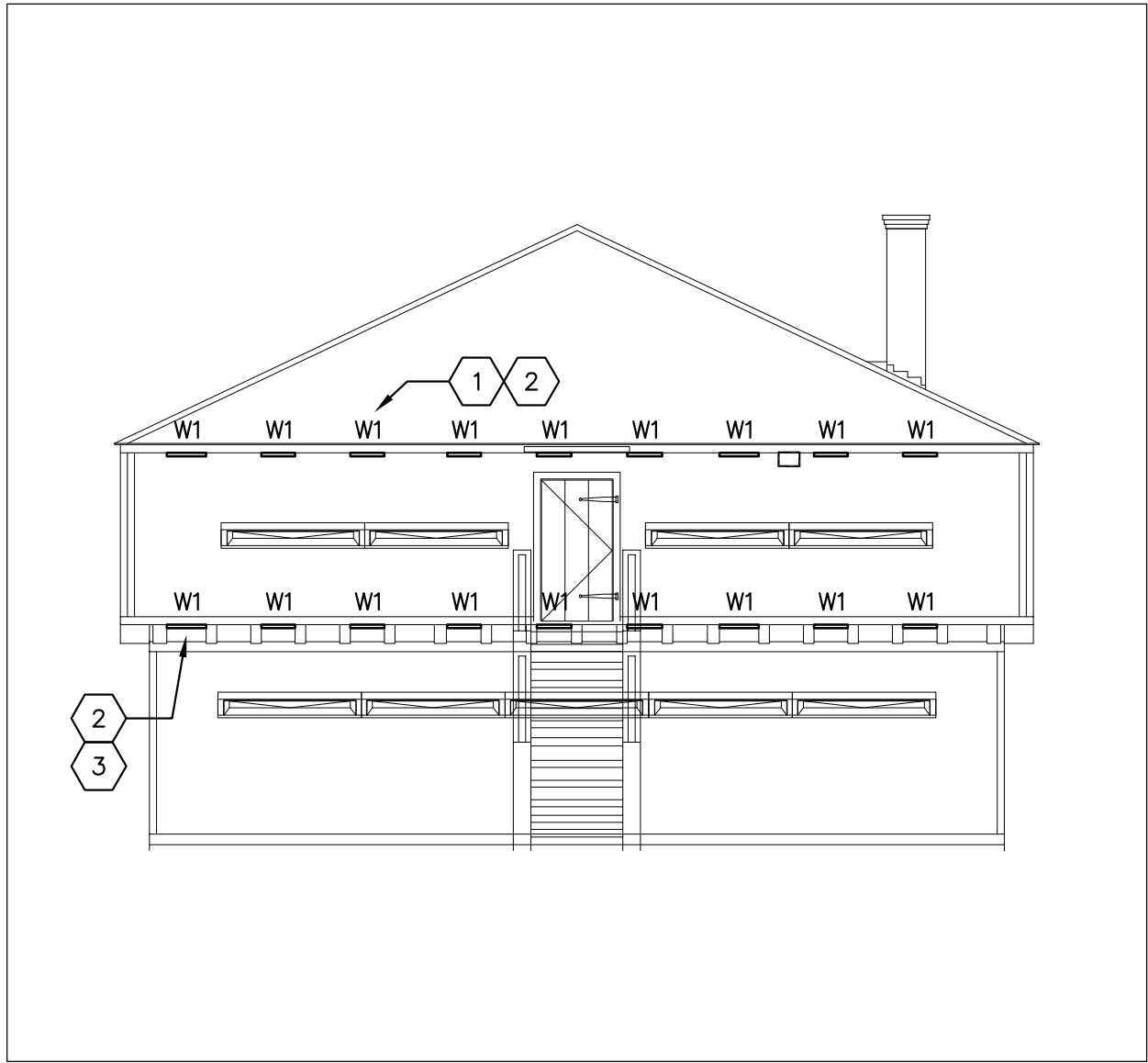
Sheet No./
Feuille No.

Drawing Re No./No. du Dessin

E6



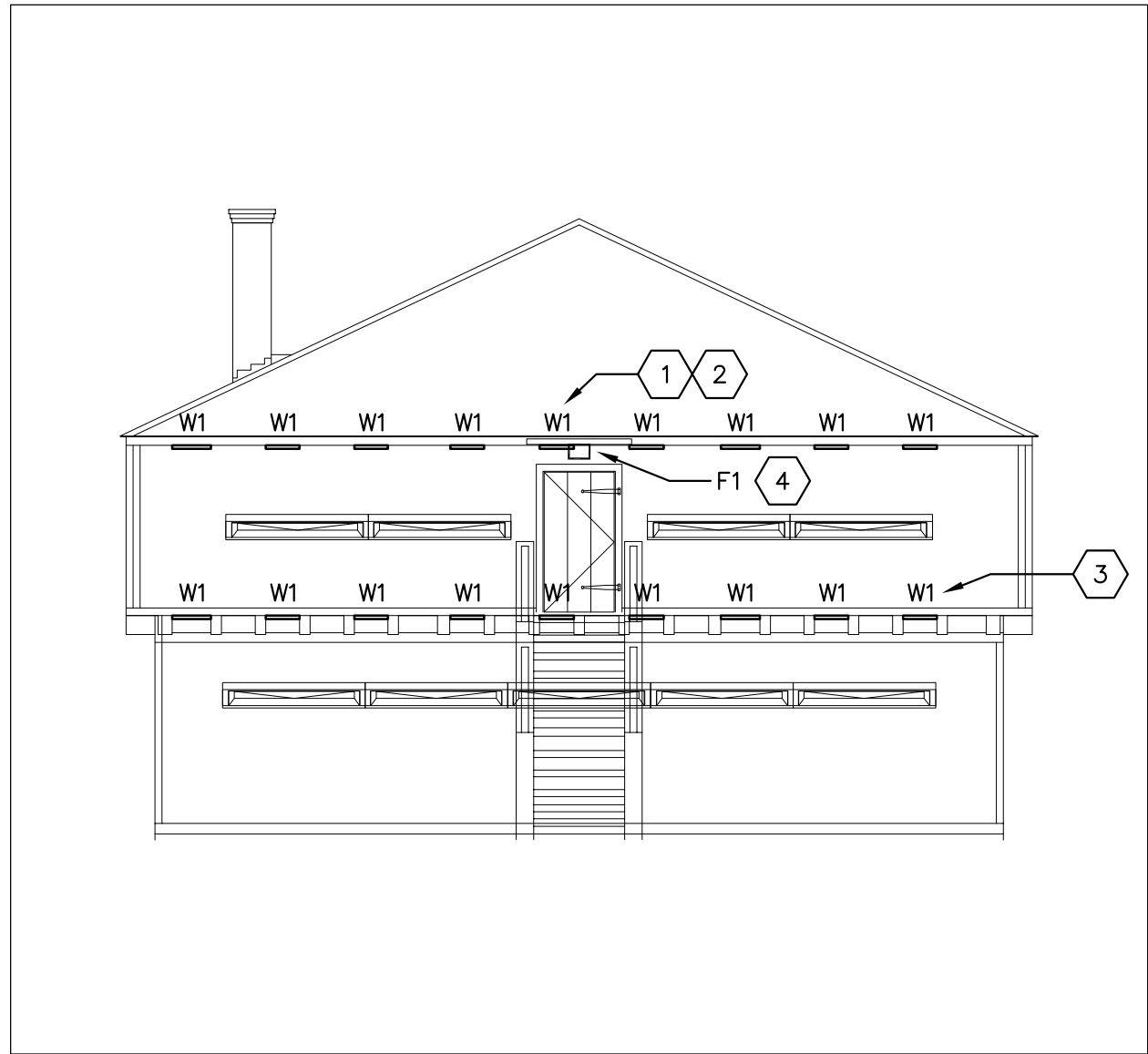
1 EAST ELEVATION
E7 SCALE
1:100



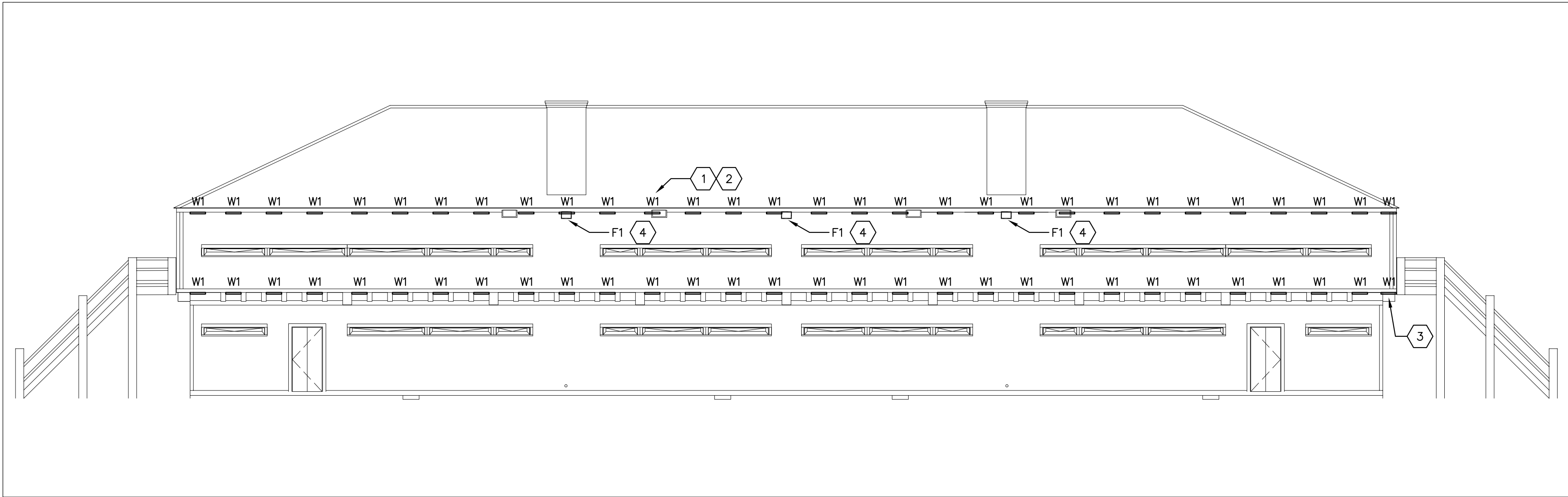
4 NORTH ELEVATION
E7 SCALE
1:100

NOTES

- 1 SEE NOTE 1 ON DRAWING E6.
2 SEE NOTE 2 ON DRAWING E6.
3 SEE NOTE 3 ON DRAWING E6.
4 SEE NOTE 4 ON DRAWING E6.



3 SOUTH ELEVATION
E7 SCALE
1:100



2 WEST ELEVATION
E7 SCALE
1:100

NORTH

STAMP



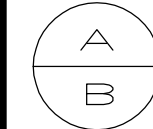
DRAWING NO.

DRAWING NAME

REFERENCE DRAWINGS

3	MAY/31/19	ISSUED FOR RETENDER	K.E.R.	R.J.V.
2	JUL./11/18	ISSUED FOR TENDER	K.E.R.	R.J.V.
1	JUN./26/18	ISSUED FOR 100% REVIEW	K.E.R.	R.J.V.
0	MAY/18/18	ISSUED FOR 90% REVIEW	K.E.R.	R.J.V.
#	DATE	DESCRIPTION	Drawn Dessine	Approved Approuve

REVISIONS



A Detail number

A Numero de detail

B Sheet number

B Sur feuille numero

Linear dimensions in
millimeters

Dimensions lineaires
en millimetres



Parcs
Canada

Parcs
Canada



Canadä

PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

Type of Record /
Type d'enregistrement

Project title / Titre du projet

FORT GEORGE BLOCKHOUSE
RESTORATION PROJECT

Drawing title / Titre du dessin

BLOCKHOUSE NO.2
ELEVATIONS

Plot Scale / Echelle

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Project No./ No. du projet
PRO001504

Asset No.
1202267

Sheet No./
Feuille No.

Drawing Re No./No. du Dessin

E7